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# Appendix B.27

## NR Band n5



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.55	21.89	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.59	21.93	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.11	21.45	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.69	22.03	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	23.69	22.03	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	22.97	21.31	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	23.14	21.48	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	23.16	21.5	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.94	20.28	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.73	20.07	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.68	20.02	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	21.51	19.85	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.18	17.52	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.12	17.46	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	19.47	17.81	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.76	22.1	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.77	22.11	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.25	21.59	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.76	22.1	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.87	22.21	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	23.04	21.38	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	23.12	21.46	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	23.12	21.46	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	22.07	20.41	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.68	20.02	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.66	20	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.58	19.92	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.51	17.85	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.54	17.88	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	19.52	17.86	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.81	22.15	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.79	22.13	38.45	PASS



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N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.32	21.66	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.89	22.23	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.81	22.15	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.09	21.43	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	23.11	21.45	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	23.09	21.43	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.1	20.44	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.65	19.99	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.62	19.96	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.59	19.93	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.57	17.91	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.46	17.8	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.58	17.92	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.56	21.9	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.72	22.06	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	23.23	21.57	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.75	22.09	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.72	22.06	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	23.1	21.44	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.91	21.25	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	23.13	21.47	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	22.08	20.42	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.54	19.88	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.66	20	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	21.63	19.97	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.46	17.8	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.55	17.89	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.57	17.91	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.75	22.09	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.79	22.13	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	23.18	21.52	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.73	22.07	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.92	22.26	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	23.02	21.36	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	23.1	21.44	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	23.11	21.45	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	22	20.34	38.45	PASS



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N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.57	19.91	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.67	20.01	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.61	19.95	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.54	17.88	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.61	17.95	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.5	17.84	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.82	22.16	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.82	22.16	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.36	21.7	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.77	22.11	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.7	22.04	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.85	21.19	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.96	21.3	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.78	21.12	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.78	20.12	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.36	19.7	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.52	19.86	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.03	19.37	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.56	17.9	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.5	17.84	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.66	18	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.62	21.96	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.82	22.16	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	23.27	21.61	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.63	21.97	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.85	22.19	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.25	21.59	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.96	21.3	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	22.87	21.21	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.45	20.79	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.36	19.7	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.58	19.92	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	21.03	19.37	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.16	17.5	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.34	17.68	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	19.52	17.86	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.59	21.93	38.45	PASS



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N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.82	22.16	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.22	21.56	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.53	21.87	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.81	22.15	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.96	21.3	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.56	20.9	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.85	21.19	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.78	20.12	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.36	19.7	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.52	19.86	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.23	19.57	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.52	17.86	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	20.21	18.55	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.45	17.79	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.79	22.13	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.83	22.17	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.32	21.66	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.79	22.13	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.77	22.11	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.14	21.48	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.83	21.17	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22.79	21.13	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.12	20.46	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.4	19.74	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.29	19.63	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.62	19.96	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.6	17.94	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.69	18.03	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.62	17.96	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.61	21.95	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.86	22.2	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	23.22	21.56	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.76	22.1	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.93	22.27	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.97	21.31	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.88	21.22	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.96	21.3	38.45	PASS



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N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.37	19.71	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.5	19.84	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.54	19.88	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.44	17.78	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.68	18.02	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	19.5	17.84	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.56	21.9	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.84	22.18	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	23.16	21.5	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.76	22.1	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.92	22.26	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.91	21.25	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.81	21.15	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	22.94	21.28	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.89	20.23	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.36	19.7	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.43	19.77	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21.48	19.82	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.57	17.91	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.75	18.09	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.49	17.83	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.65	21.99	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.84	22.18	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.15	21.49	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.7	22.04	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	23.89	22.23	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.97	21.31	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.82	21.16	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	22.91	21.25	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	22	20.34	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.27	19.61	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.39	19.73	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.54	19.88	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.56	17.9	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.67	18.01	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	19.5	17.84	38.45	PASS



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## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(PAPR)

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.92	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.41	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.80	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.30	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.73	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.72	≤13	PASS



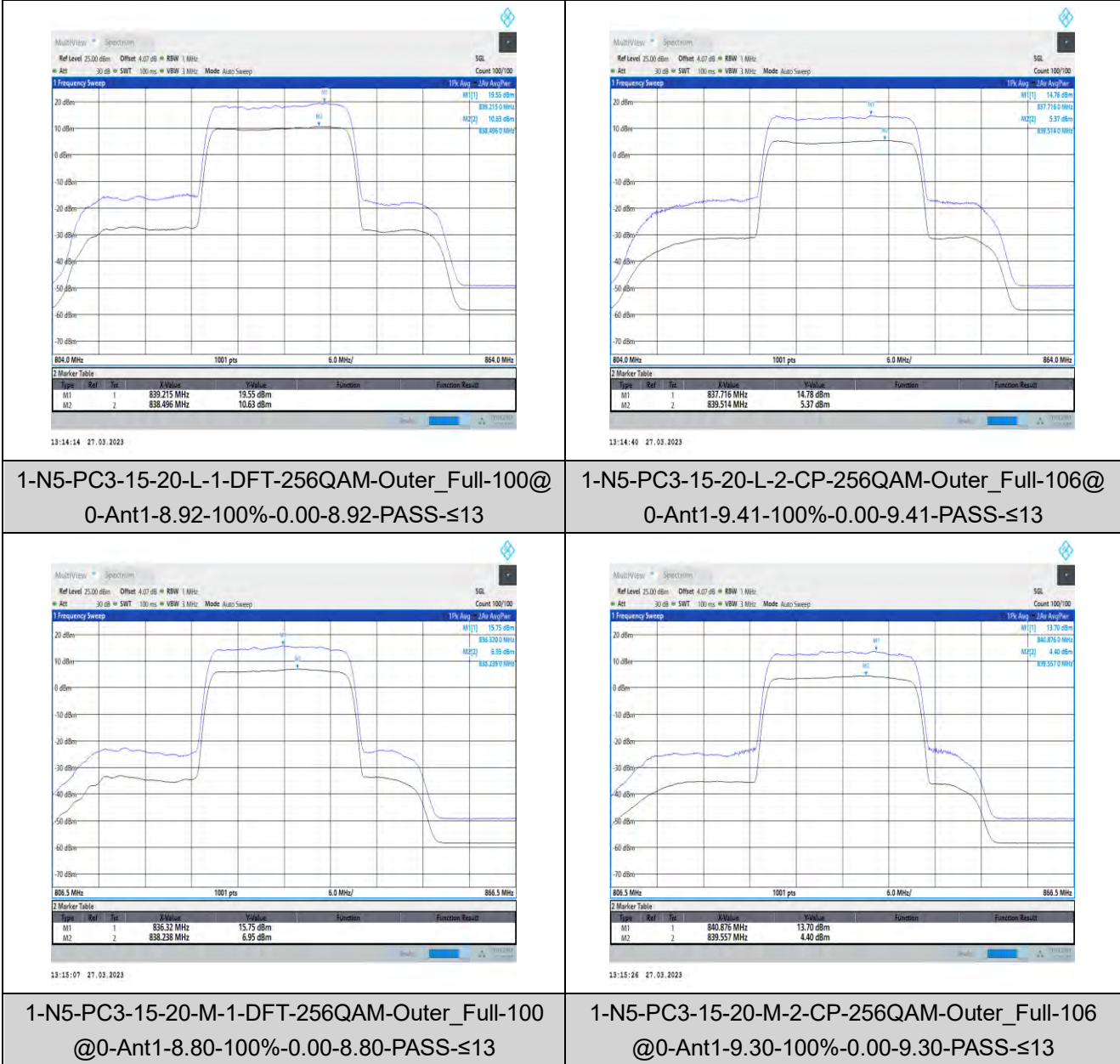
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Test Graphs



1-N5-PC3-15-20-L-1-DFT-256QAM-Outer\_Full-100@  
0-Ant1-8.92-100%-0.00-8.92-PASS-≤13

1-N5-PC3-15-20-L-2-CP-256QAM-Outer\_Full-106@  
0-Ant1-9.41-100%-0.00-9.41-PASS-≤13

1-N5-PC3-15-20-M-1-DFT-256QAM-Outer\_Full-100  
@0-Ant1-8.80-100%-0.00-8.80-PASS-≤13

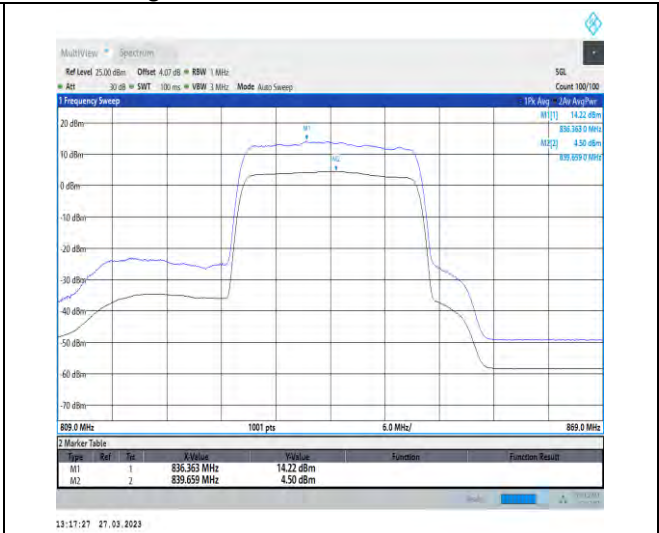
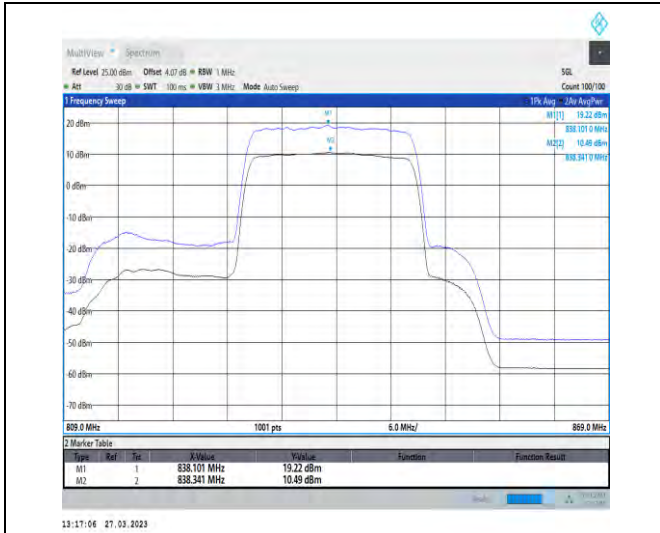
1-N5-PC3-15-20-M-2-CP-256QAM-Outer\_Full-106  
@0-Ant1-9.30-100%-0.00-9.30-PASS-≤13



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1-N5-PC3-15-20-H-1-DFT-256QAM-Outer\_Full-100 @0-Ant1-8.73-100%-0.00-8.73-PASS≤13

1-N5-PC3-15-20-H-2-CP-256QAM-Outer\_Full-106@ 0-Ant1-9.72-100%-0.00-9.72-PASS≤13



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## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-256QAM	M	Outer_Full	see graph	PASS

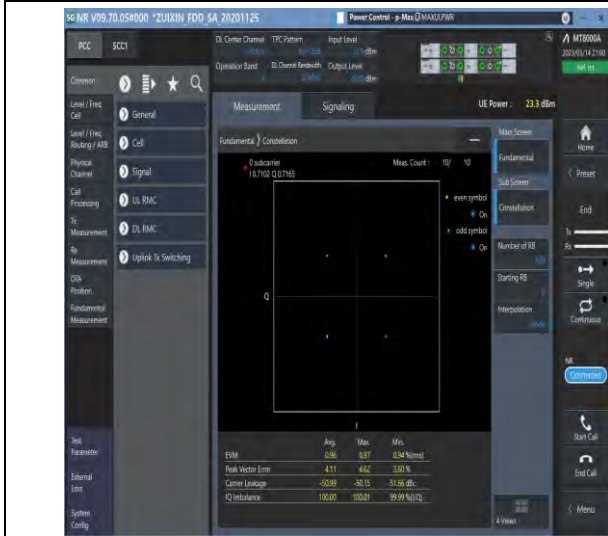


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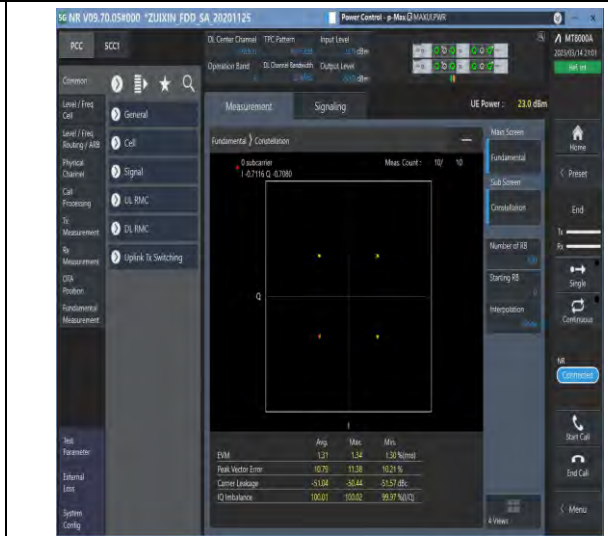
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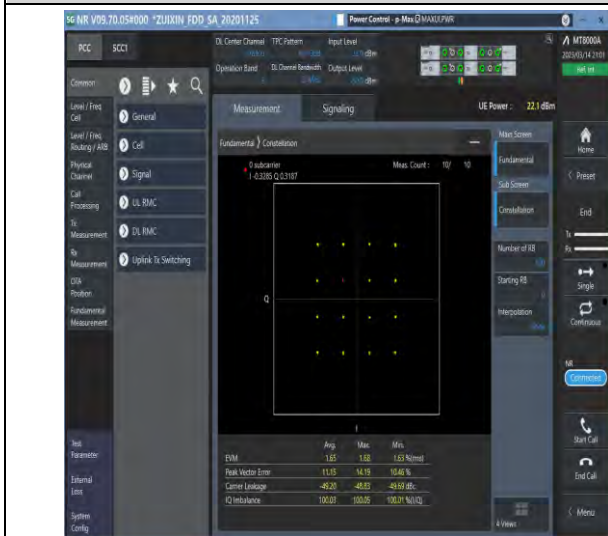
Test Graphs



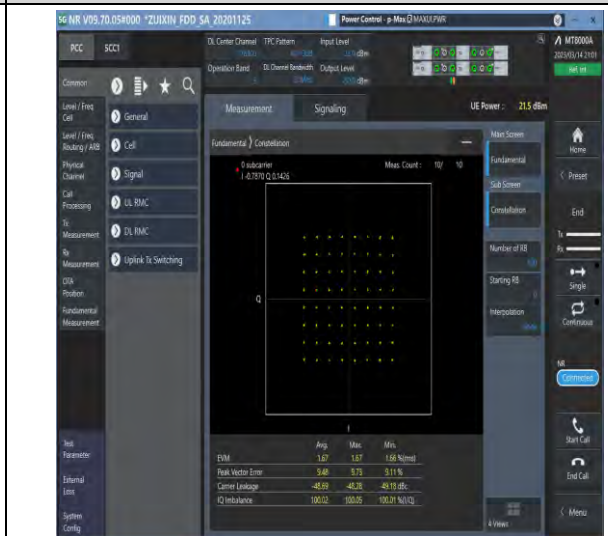
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1-N5-PC3-15-20-M-2-DFT-QPSK-Outer\_Full-100@ 0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-3-DFT-16QAM-Outer\_Full-100@ 0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100 @0-Ant1-see graph-PASS

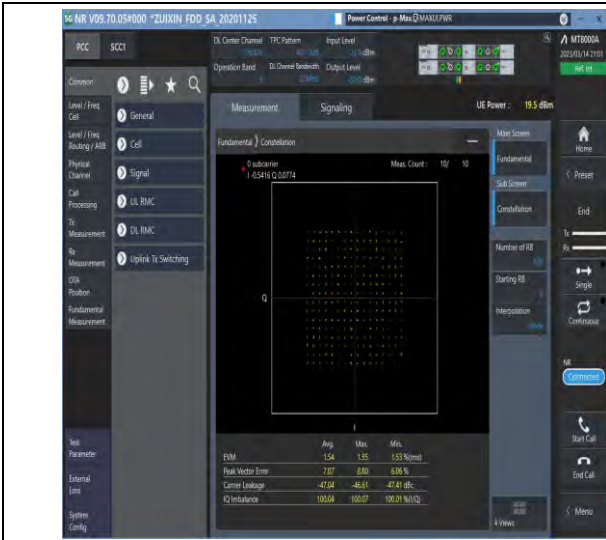


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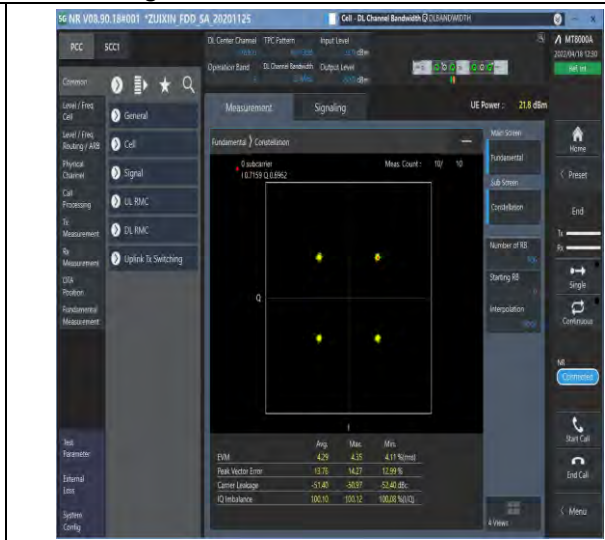
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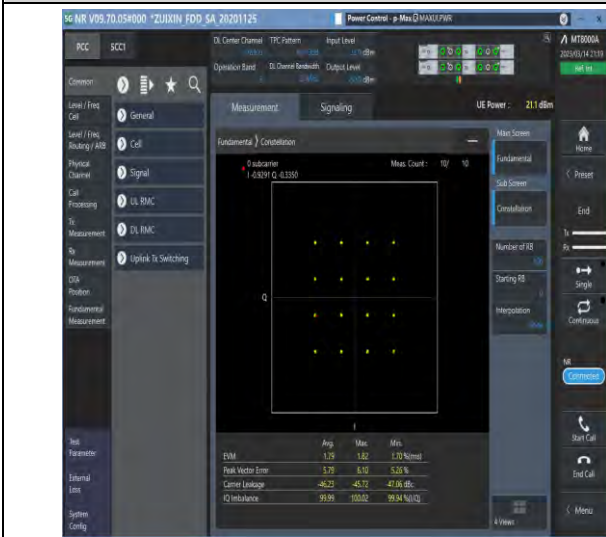




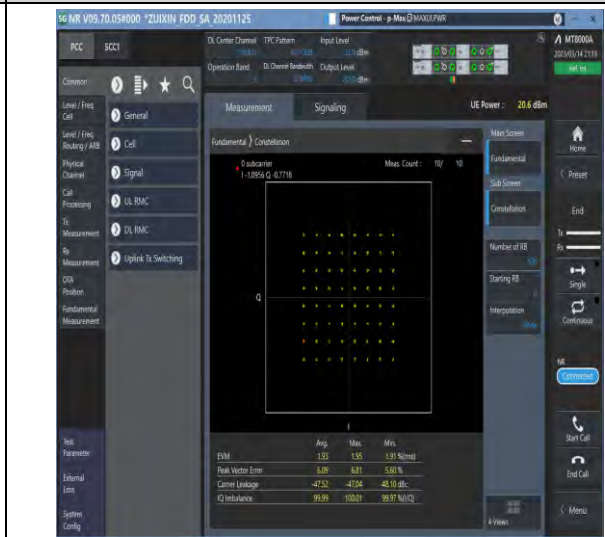
1-N5-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100 @0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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<p>1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@ 0-Ant1-see graph-PASS</p>	



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.471	4.810	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	4.48	4.870	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.483	4.860	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	4.473	4.850	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	4.489	4.790	PASS
N5	15	5	CP-QPSK	L	Outer_Full	4.468	4.880	PASS
N5	15	5	CP-16QAM	L	Outer_Full	4.475	4.890	PASS
N5	15	5	CP-64QAM	L	Outer_Full	4.462	4.840	PASS
N5	15	5	CP-256QAM	L	Outer_Full	4.471	4.810	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.462	4.790	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.442	4.820	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.48	4.820	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.473	4.870	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.465	4.810	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.459	4.770	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.47	4.780	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.466	4.830	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.469	4.870	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.467	4.830	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	4.48	4.880	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.493	4.830	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	4.478	4.850	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	4.457	4.800	PASS
N5	15	5	CP-QPSK	H	Outer_Full	4.476	4.840	PASS
N5	15	5	CP-16QAM	H	Outer_Full	4.469	4.830	PASS
N5	15	5	CP-64QAM	H	Outer_Full	4.463	4.760	PASS
N5	15	5	CP-256QAM	H	Outer_Full	4.478	4.830	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.969	9.400	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	8.941	9.440	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.93	9.340	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	8.92	9.340	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	8.93	9.420	PASS



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N5	15	10	CP-QPSK	L	Outer_Full	9.285	9.820	PASS
N5	15	10	CP-16QAM	L	Outer_Full	9.289	9.800	PASS
N5	15	10	CP-64QAM	L	Outer_Full	9.316	9.800	PASS
N5	15	10	CP-256QAM	L	Outer_Full	9.306	9.720	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.906	9.380	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.926	9.420	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.918	9.380	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.897	9.460	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.921	9.400	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.282	9.740	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.296	9.740	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.303	9.760	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.292	9.780	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.932	9.400	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	8.921	9.400	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.933	9.380	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	8.917	9.440	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	8.941	9.420	PASS
N5	15	10	CP-QPSK	H	Outer_Full	9.288	9.840	PASS
N5	15	10	CP-16QAM	H	Outer_Full	9.305	9.820	PASS
N5	15	10	CP-64QAM	H	Outer_Full	9.282	9.760	PASS
N5	15	10	CP-256QAM	H	Outer_Full	9.297	9.760	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.454	14.130	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	13.423	14.070	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.446	14.100	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	13.426	14.190	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	13.439	14.070	PASS
N5	15	15	CP-QPSK	L	Outer_Full	14.133	14.820	PASS
N5	15	15	CP-16QAM	L	Outer_Full	14.165	14.910	PASS
N5	15	15	CP-64QAM	L	Outer_Full	14.175	14.880	PASS
N5	15	15	CP-256QAM	L	Outer_Full	14.138	14.820	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.37	14.130	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.394	14.100	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.414	14.130	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.401	14.190	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.39	14.190	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.099	14.820	PASS



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N5	15	15	CP-16QAM	M	Outer_Full	14.112	14.790	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.082	14.760	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.086	14.850	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.401	14.100	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	13.39	14.100	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.401	14.040	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	13.409	14.070	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	13.401	14.100	PASS
N5	15	15	CP-QPSK	H	Outer_Full	14.105	14.790	PASS
N5	15	15	CP-16QAM	H	Outer_Full	14.14	14.760	PASS
N5	15	15	CP-64QAM	H	Outer_Full	14.102	14.790	PASS
N5	15	15	CP-256QAM	H	Outer_Full	14.094	14.820	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.915	18.640	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	17.838	18.600	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.8	18.680	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	17.865	18.600	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	17.858	18.640	PASS
N5	15	20	CP-QPSK	L	Outer_Full	18.941	19.680	PASS
N5	15	20	CP-16QAM	L	Outer_Full	18.848	19.680	PASS
N5	15	20	CP-64QAM	L	Outer_Full	18.875	19.680	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.909	19.720	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.879	18.680	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.849	18.640	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.875	18.560	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.815	18.640	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.81	18.680	PASS
N5	15	20	CP-QPSK	M	Outer_Full	18.918	19.840	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.901	19.640	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.836	19.760	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.923	19.680	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.884	18.600	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	17.863	18.560	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.85	18.560	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	17.835	18.680	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	17.849	18.720	PASS
N5	15	20	CP-QPSK	H	Outer_Full	18.905	19.720	PASS
N5	15	20	CP-16QAM	H	Outer_Full	18.875	19.760	PASS



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N5	15	20	CP-64QAM	H	Outer_Full	18.903	19.800	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.904	19.600	PASS



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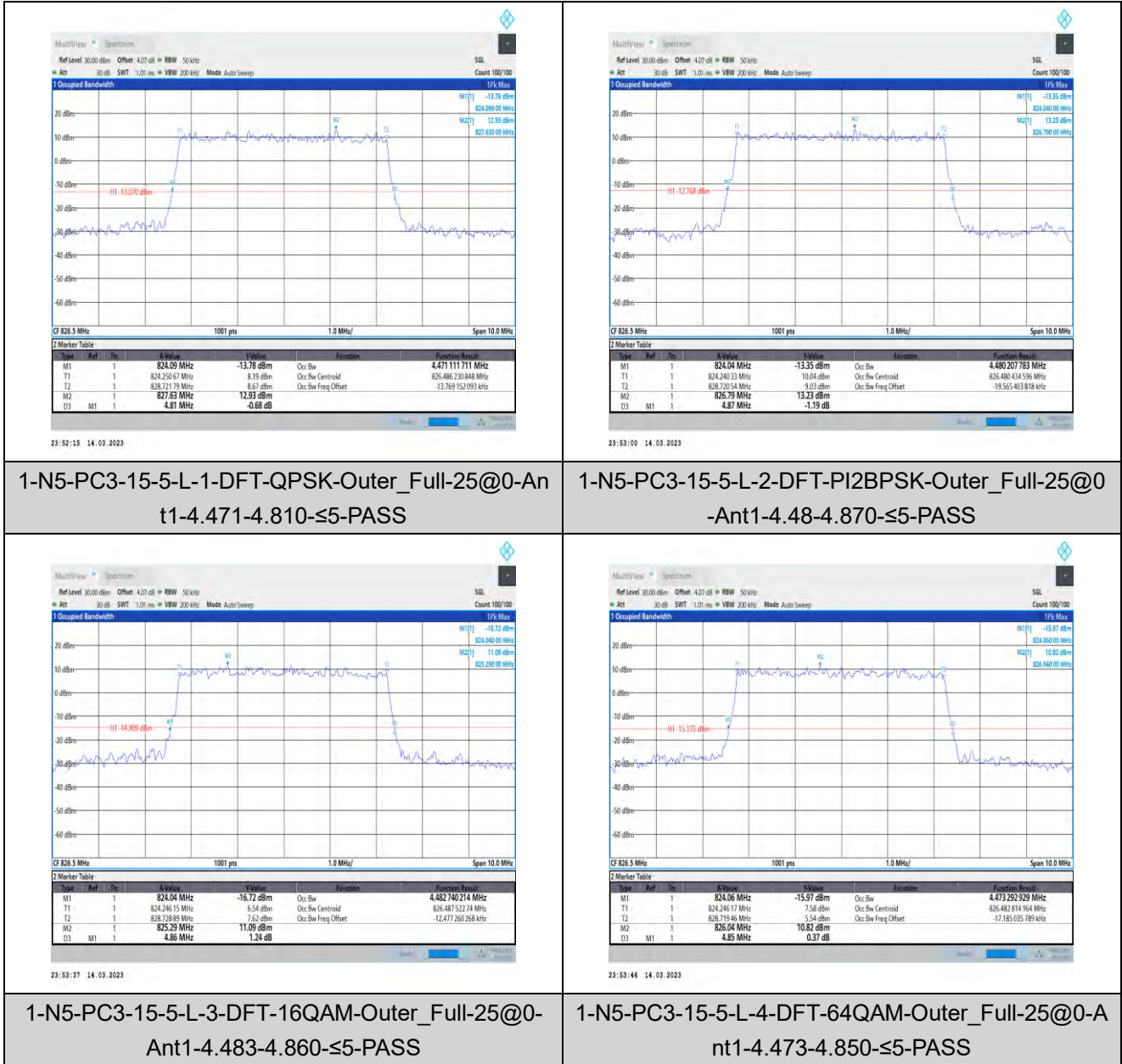
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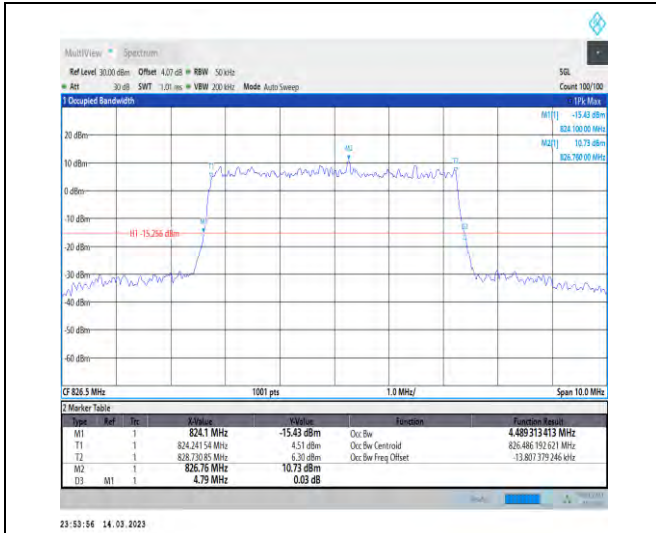
Test Graphs



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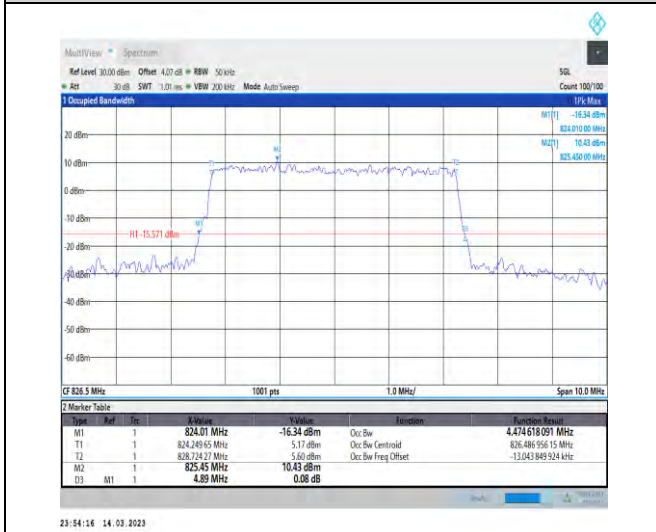
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1-N5-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.489-4.790-≤5-PASS



1-N5-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant 1-4.468-4.880-≤5-PASS



1-N5-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.475-4.890-≤5-PASS



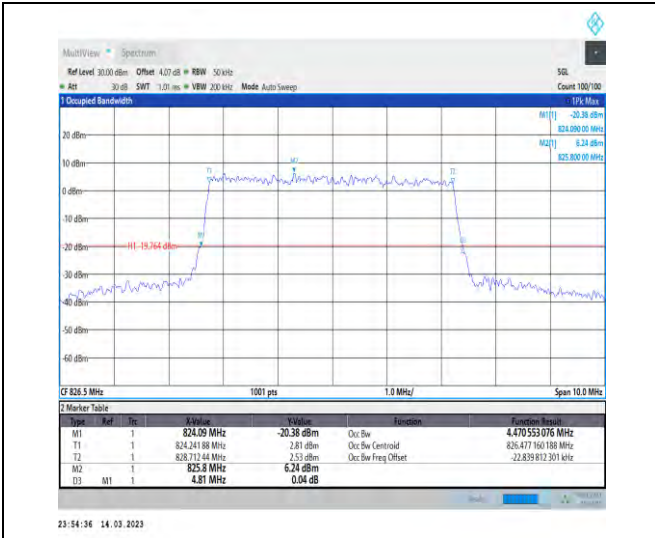
1-N5-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.462-4.840-≤5-PASS



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1-N5-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.471-4.810-≤5-PASS

1-N5-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.462-4.790-≤5-PASS



1-N5-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.442-4.820-≤5-PASS

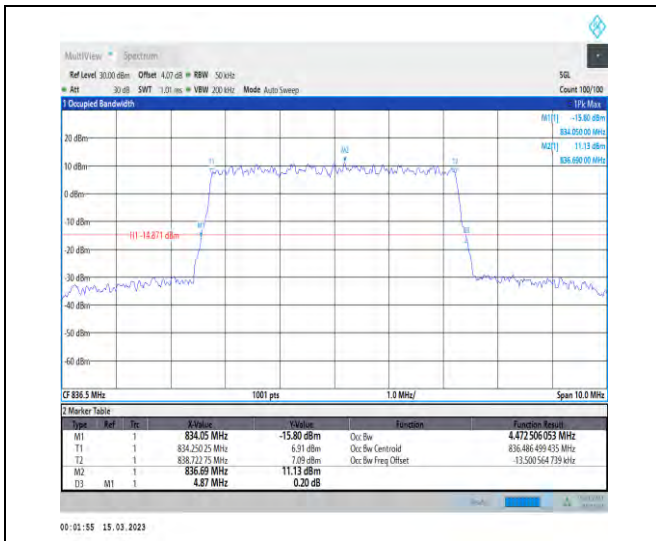
1-N5-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.48-4.820-≤5-PASS



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1-N5-PC3-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.473-4.870-≤5-PASS



1-N5-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.465-4.810-≤5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.459-4.770-≤5-PASS

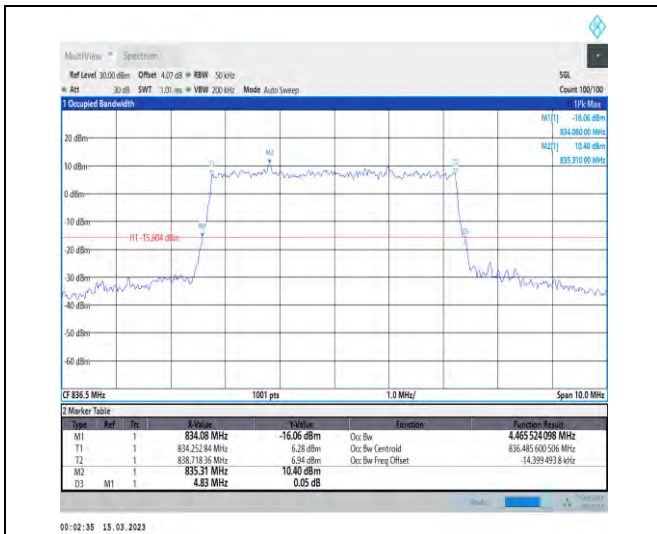


1-N5-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.47-4.780-≤5-PASS



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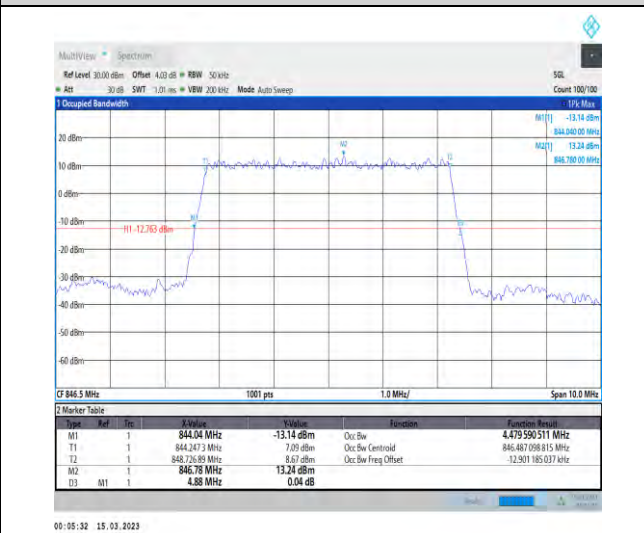
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1-N5-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-  
 Ant1-4.469-4.870-≤5-PASS



1-N5-PC3-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-A  
 nt1-4.467-4.830-≤5-PASS



1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-  
 -Ant1-4.48-4.880-≤5-PASS



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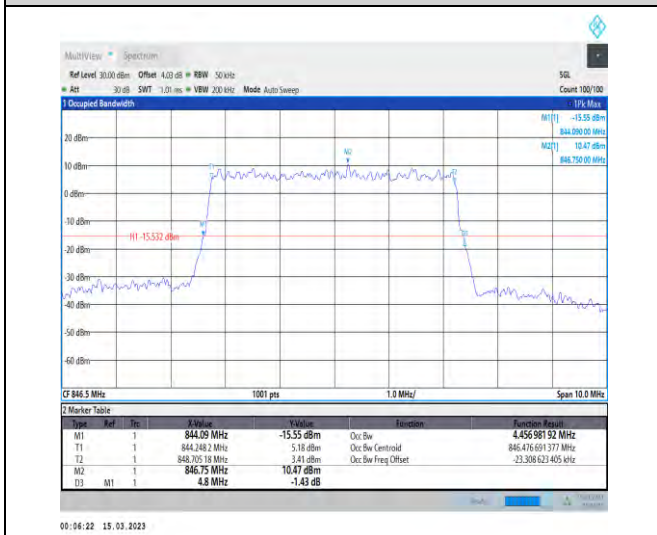




1-N5-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.493-4.830-≤5-PASS



1-N5-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.478-4.850-≤5-PASS



1-N5-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.457-4.800-≤5-PASS



1-N5-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.476-4.840-≤5-PASS



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1-N5-PC3-15-5-H-7-CP-16QAM-Outer\_Full-25@0-A  
nt1-4.469-4.830-≤5-PASS



1-N5-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-A  
nt1-4.463-4.760-≤5-PASS



1-N5-PC3-15-5-H-9-CP-256QAM-Outer\_Full-25@0-A  
Ant1-4.478-4.830-≤5-PASS



1-N5-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-A  
nt1-8.969-9.400-≤10-PASS



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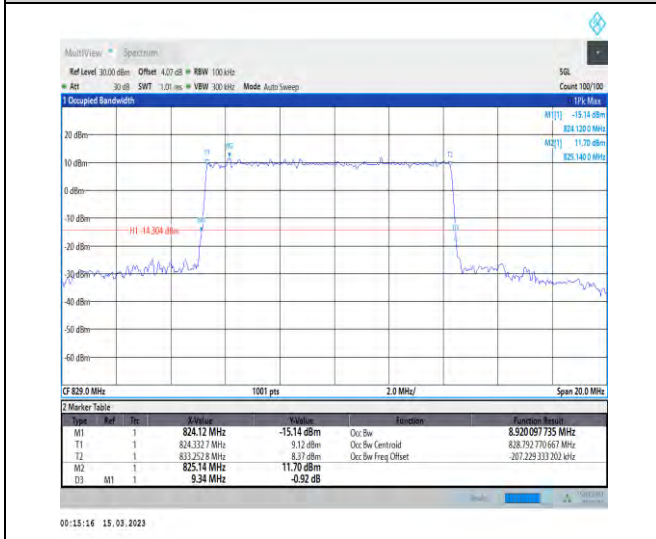




1-N5-PC3-15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.941-9.440-≤10-PASS



1-N5-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.93-9.340-≤10-PASS



1-N5-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.92-9.340-≤10-PASS

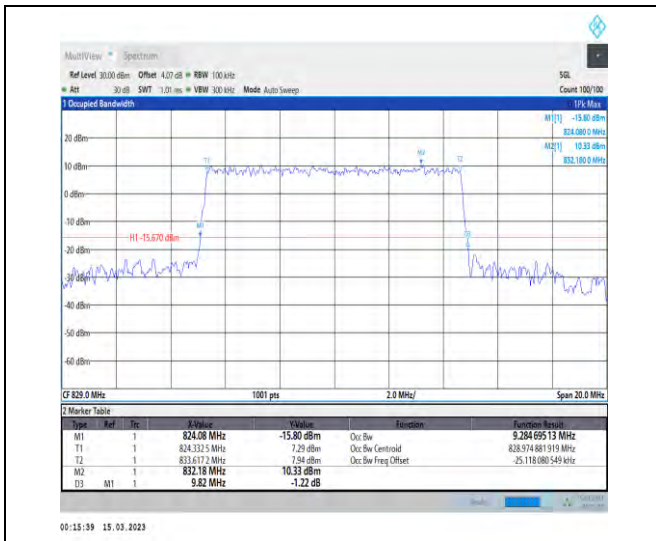


1-N5-PC3-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.93-9.420-≤10-PASS



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1-N5-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A  
nt1-9.285-9.820-≤10-PASS



1-N5-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-A  
nt1-9.289-9.800-≤10-PASS



1-N5-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-A  
Ant1-9.316-9.800-≤10-PASS



1-N5-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-A  
Ant1-9.306-9.720-≤10-PASS



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1-N5-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.906-9.380-≤10-PASS

1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.926-9.420-≤10-PASS



1-N5-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.918-9.380-≤10-PASS

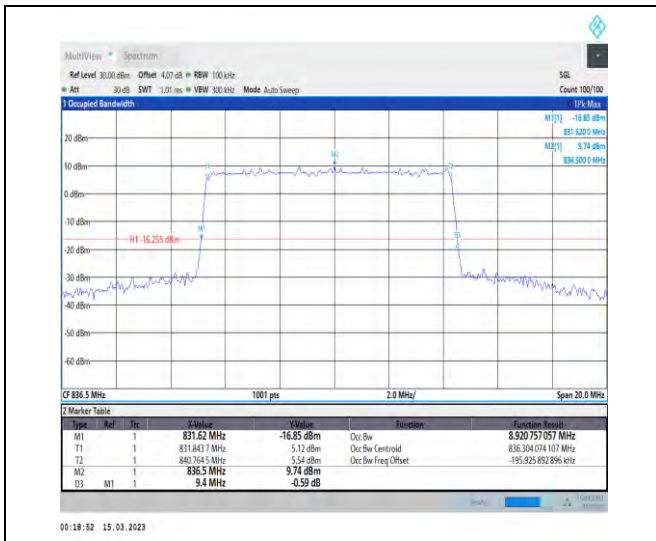
1-N5-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.897-9.460-≤10-PASS



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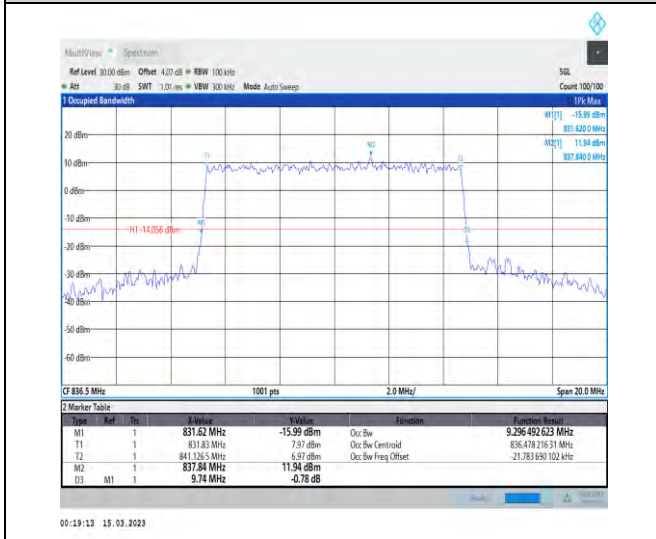




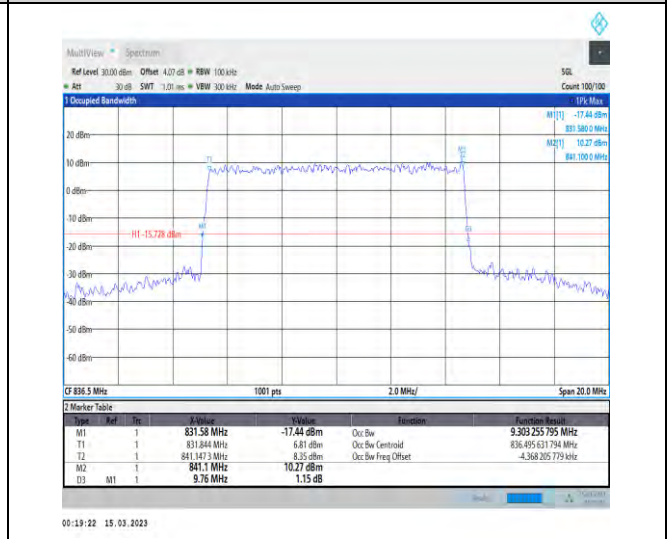
1-N5-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.921-9.400-≤10-PASS



1-N5-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.282-9.740-≤10-PASS



1-N5-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.296-9.740-≤10-PASS



1-N5-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.303-9.760-≤10-PASS



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1-N5-PC3-15-10-M-9-CP-256QAM-Outer\_Full-52@0  
-Ant1-9.292-9.780-≤10-PASS



1-N5-PC3-15-10-H-1-DFT-QPSK-Outer\_Full-50@0  
-Ant1-8.932-9.400-≤10-PASS



1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0  
-Ant1-8.921-9.400-≤10-PASS



1-N5-PC3-15-10-H-3-DFT-16QAM-Outer\_Full-50@0  
-Ant1-8.933-9.380-≤10-PASS

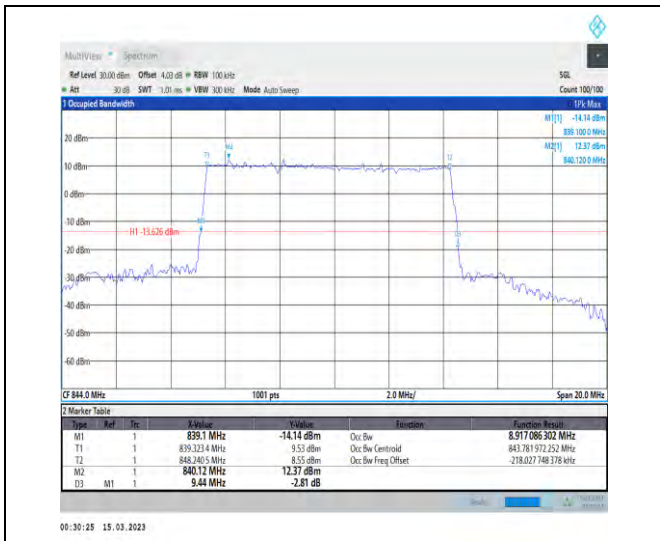


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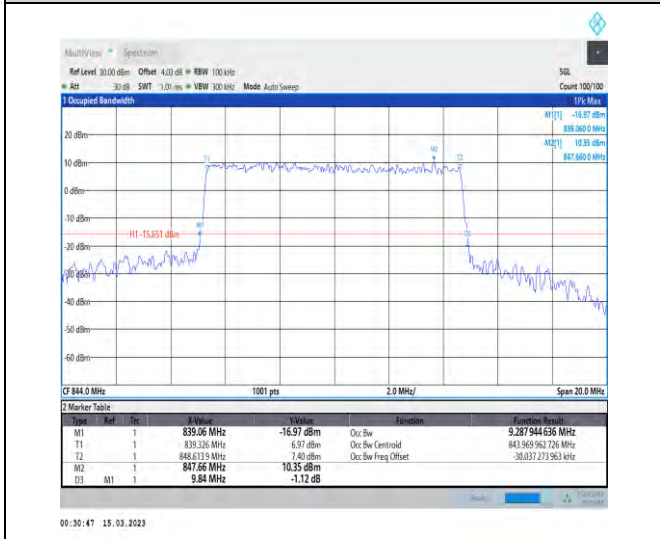




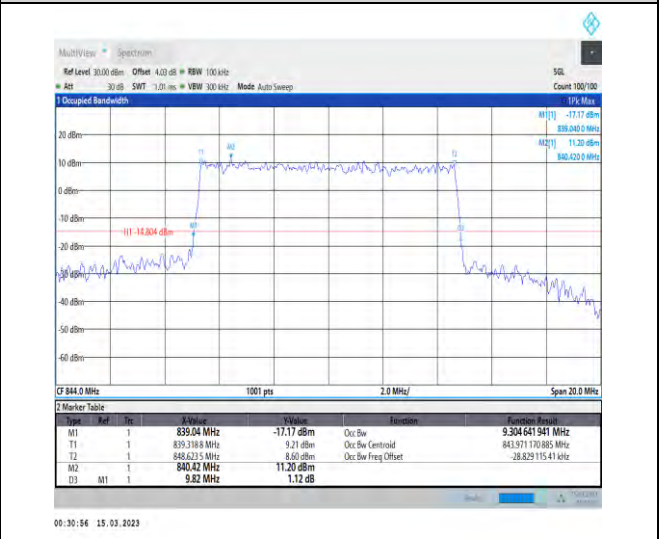
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1-N5-PC3-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.941-9.420-≤10-PASS



1-N5-PC3-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.288-9.840-≤10-PASS



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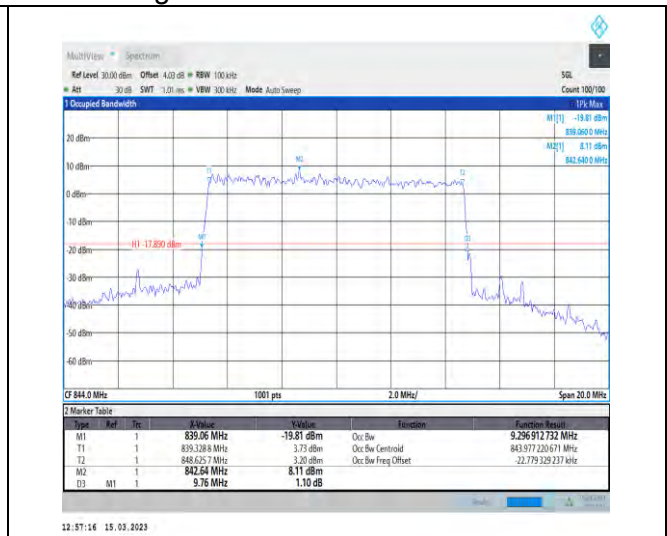
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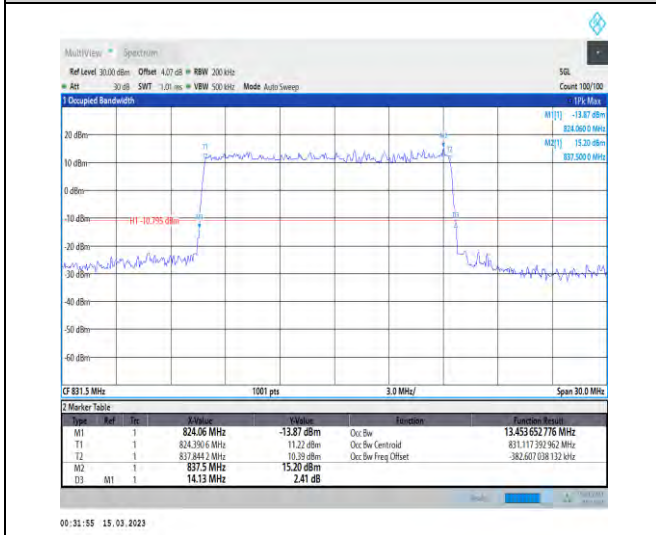




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1-N5-PC3-15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.297-9.760-≤10-PASS



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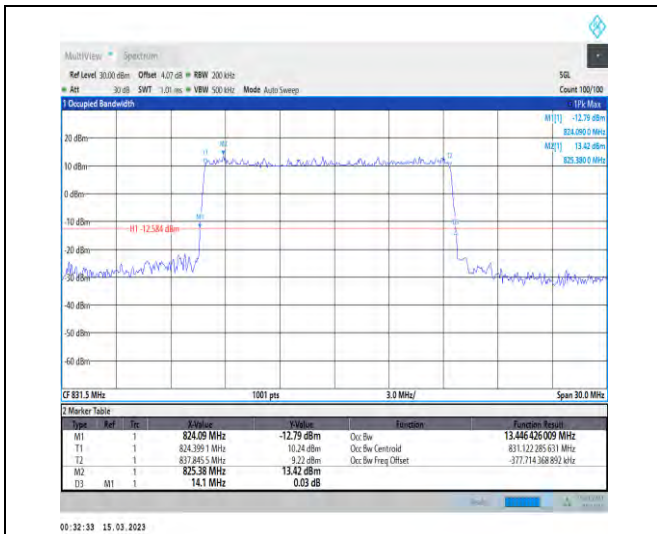


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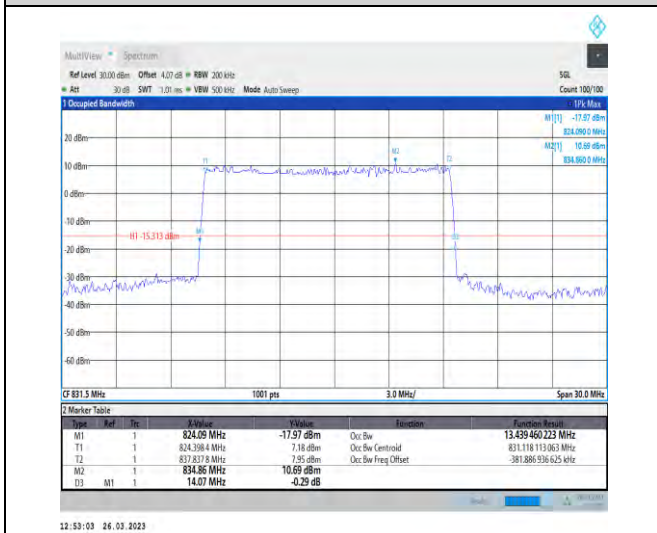
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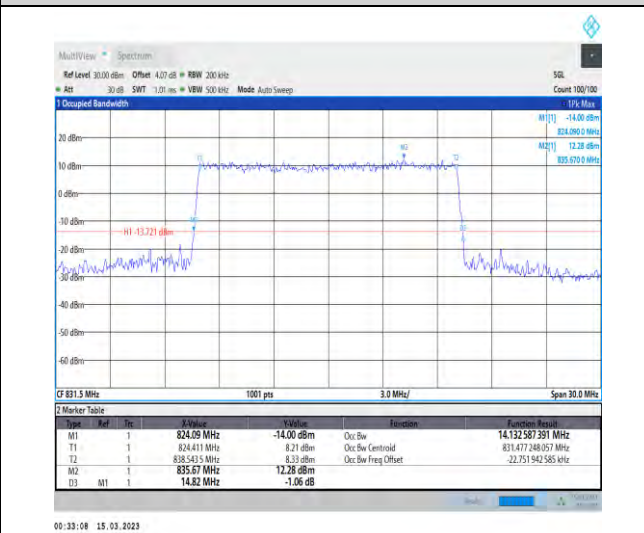
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1-N5-PC3-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.439-14.070-≤15-PASS



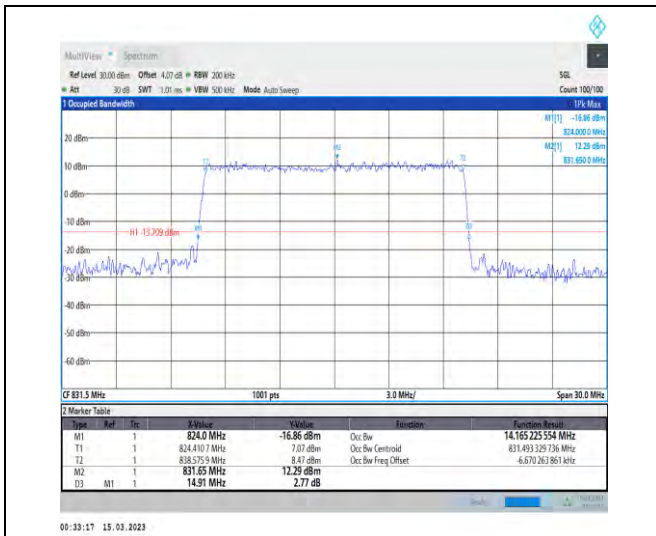
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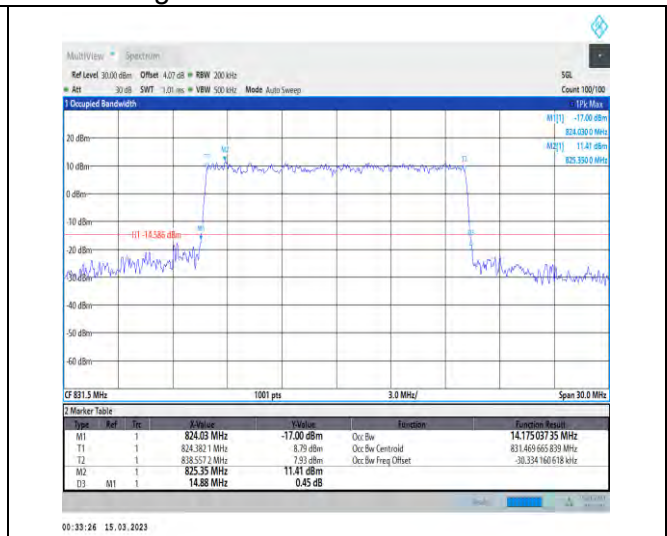
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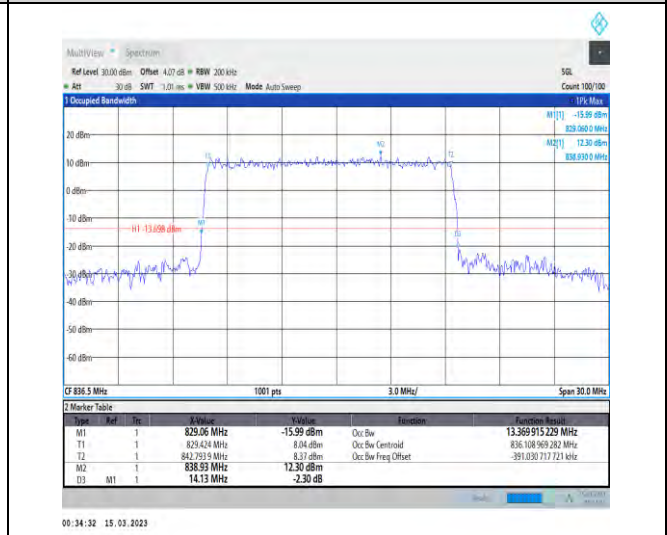
1-N5-PC3-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.165-14.910-≤15-PASS



1-N5-PC3-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.175-14.880-≤15-PASS



1-N5-PC3-15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.138-14.820-≤15-PASS



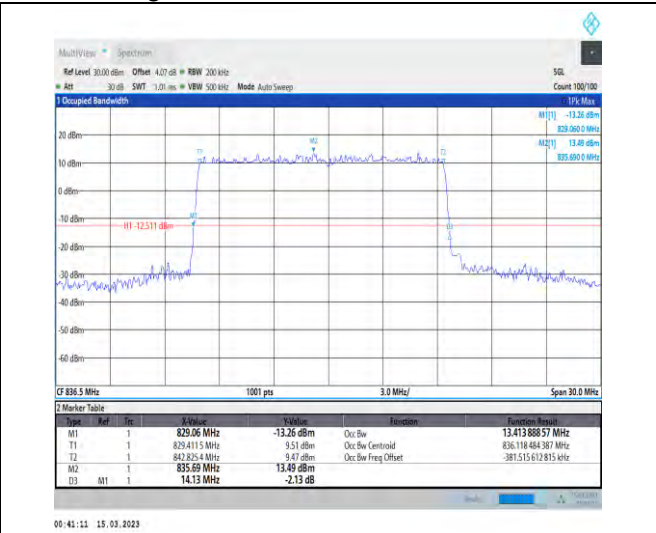
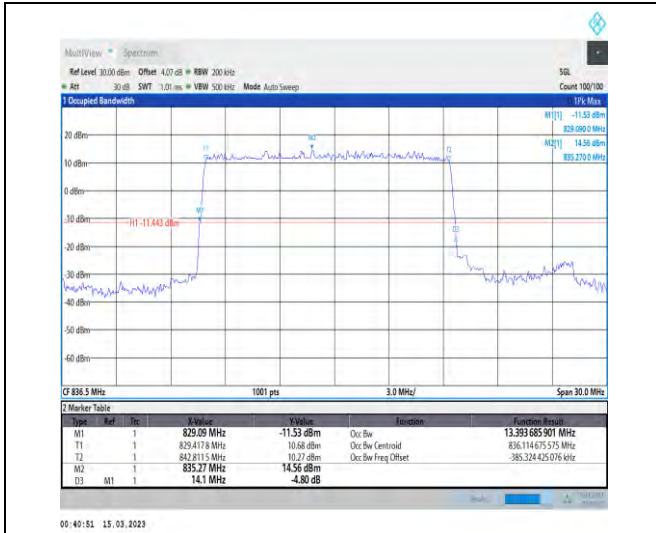
1-N5-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.37-14.130-≤15-PASS



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1-N5-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-13.394-14.100-≤15-PASS

1-N5-PC3-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.414-14.130-≤15-PASS



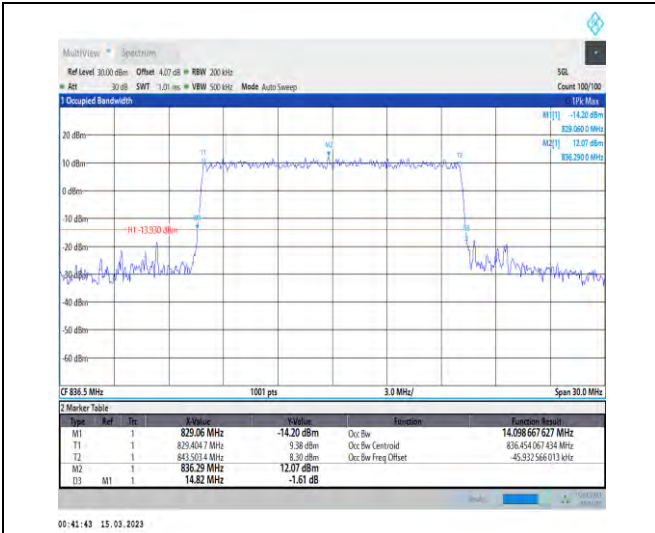
1-N5-PC3-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.401-14.190-≤15-PASS

1-N5-PC3-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.39-14.190-≤15-PASS

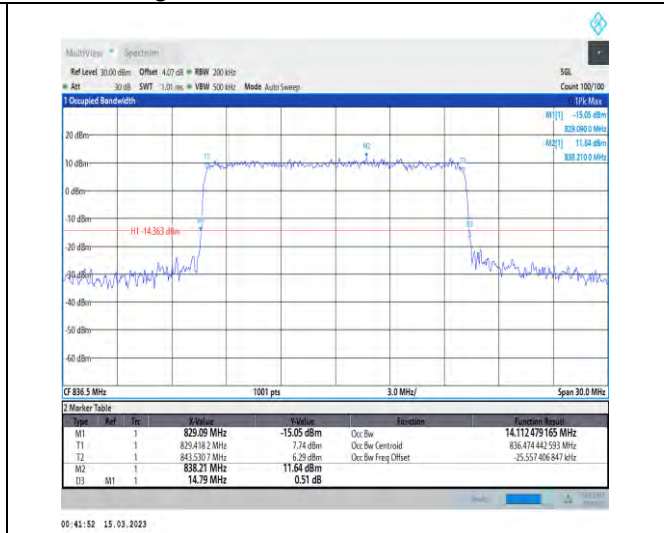


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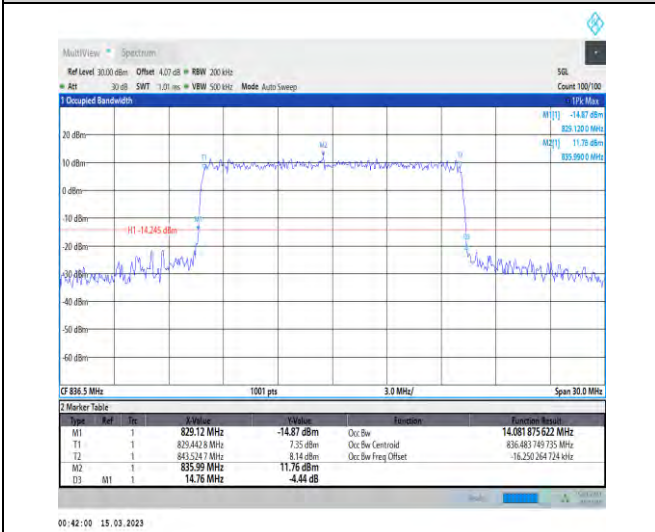
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1-N5-PC3-15-15-M-6-CP-QPSK-Outer\_Full-79@0-A  
Ant1-14.099-14.820-≤15-PASS



1-N5-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-  
Ant1-14.112-14.790-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer\_Full-79@0-  
Ant1-14.082-14.760-≤15-PASS



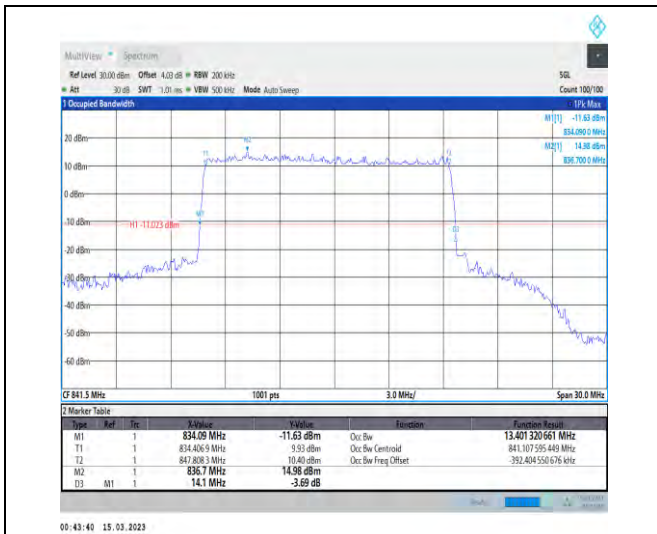
1-N5-PC3-15-15-M-9-CP-256QAM-Outer\_Full-79@0-  
-Ant1-14.086-14.850-≤15-PASS



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1-N5-PC3-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.401-14.100-≤15-PASS



1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.39-14.100-≤15-PASS



1-N5-PC3-15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.401-14.040-≤15-PASS



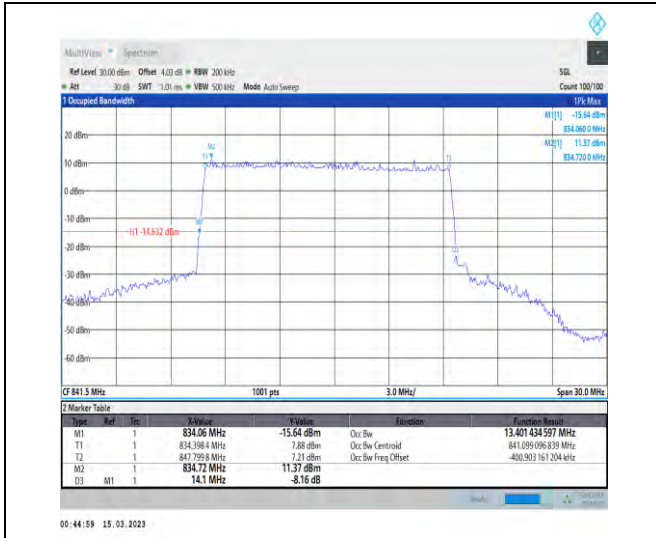
1-N5-PC3-15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.409-14.070-≤15-PASS



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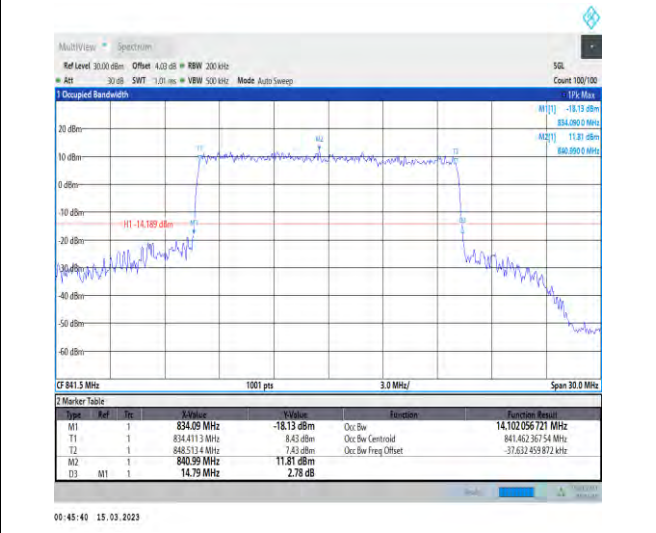
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1-N5-PC3-15-15-H-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.401-14.100-≤15-PASS

1-N5-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.105-14.790-≤15-PASS



1-N5-PC3-15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.14-14.760-≤15-PASS

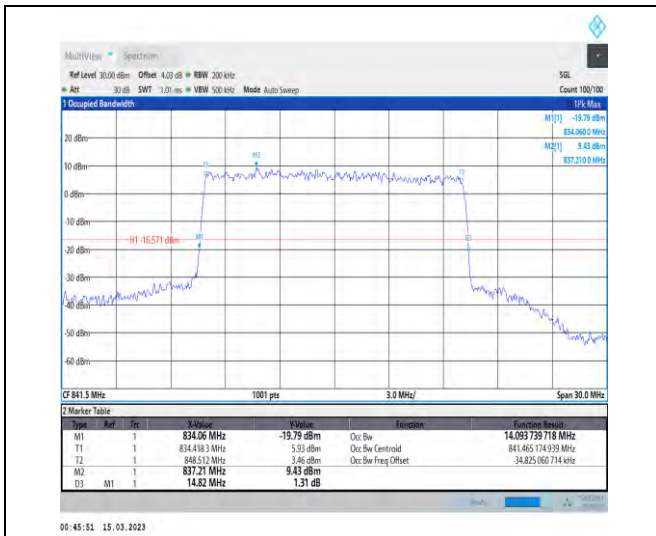
1-N5-PC3-15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.102-14.790-≤15-PASS



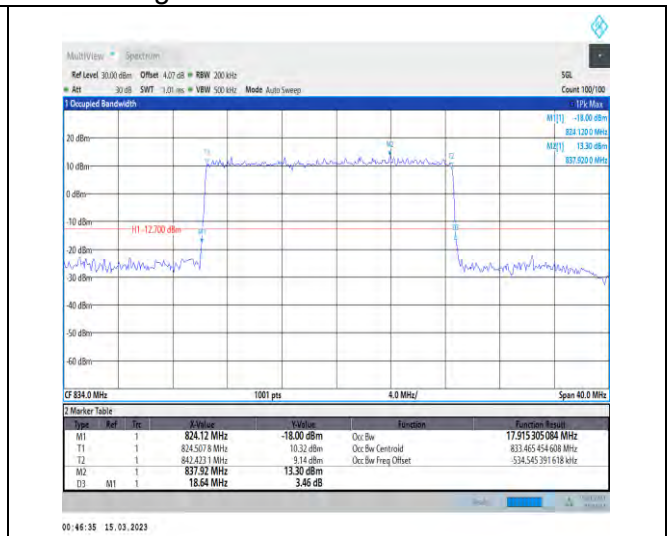
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1-N5-PC3-15-15-H-9-CP-256QAM-Outer\_Full-79@0  
-Ant1-14.094-14.820-≤15-PASS



1-N5-PC3-15-20-L-1-DFT-QPSK-Outer\_Full-100@0-  
Ant1-17.915-18.640-≤20-PASS



1-N5-PC3-15-20-L-2-DFT-PI2BPSK-Outer\_Full-100  
@0-Ant1-17.838-18.600-≤20-PASS



1-N5-PC3-15-20-L-3-DFT-16QAM-Outer\_Full-100@  
0-Ant1-17.8-18.680-≤20-PASS



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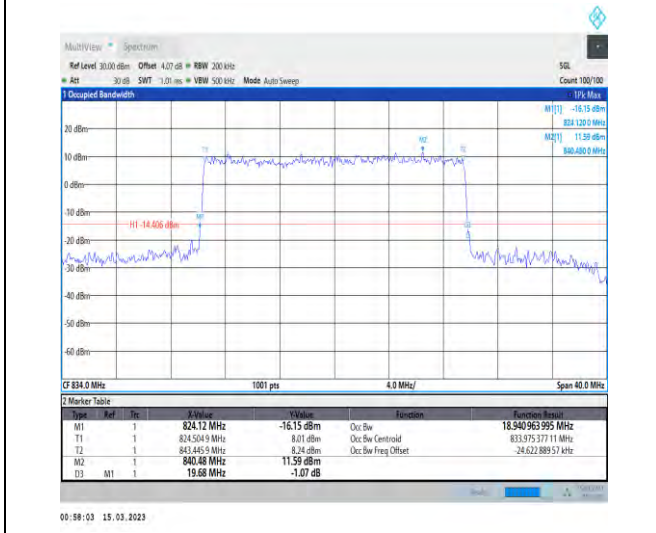
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1-N5-PC3-15-20-L-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.865-18.600-≤20-PASS

1-N5-PC3-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.858-18.640-≤20-PASS



1-N5-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.941-19.680-≤20-PASS

1-N5-PC3-15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.848-19.680-≤20-PASS

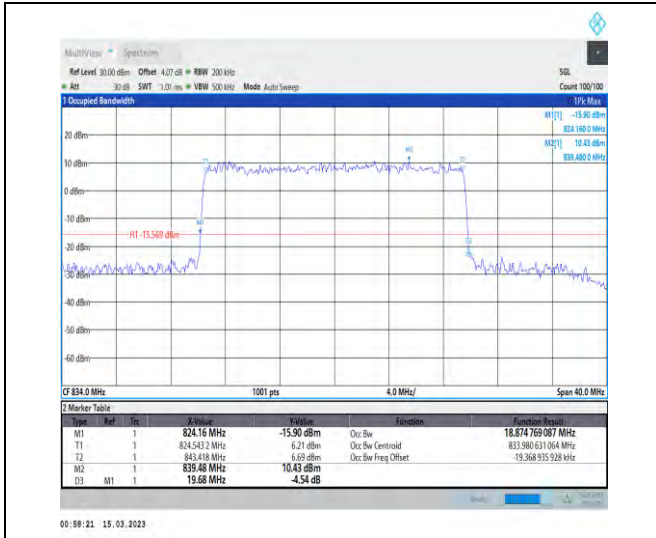


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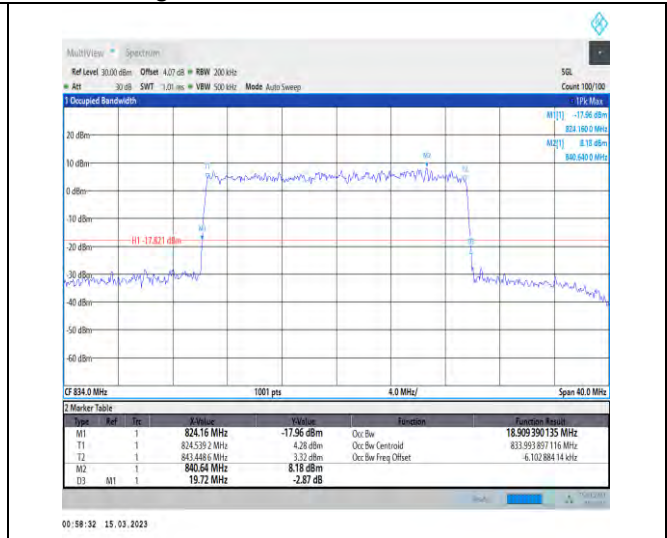
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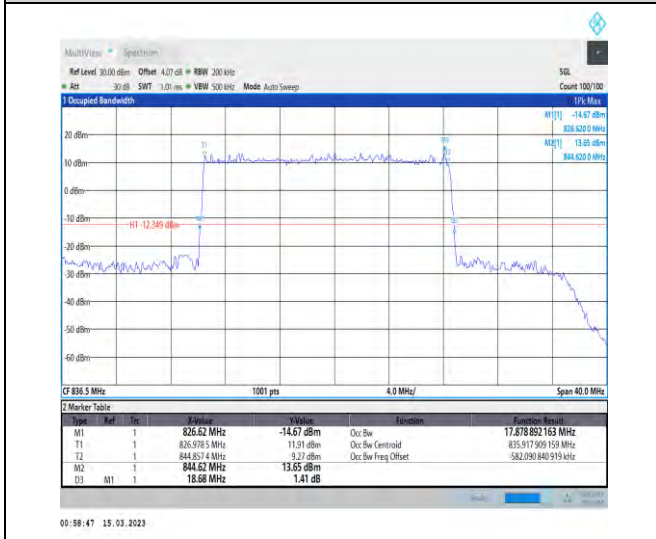




1-N5-PC3-15-20-L-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.875-19.680-≤20-PASS



1-N5-PC3-15-20-L-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.909-19.720-≤20-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.879-18.680-≤20-PASS



1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.849-18.640-≤20-PASS



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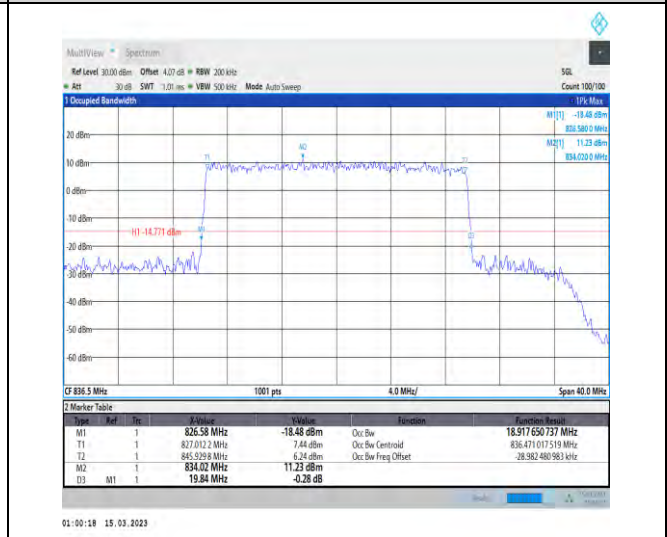
1-N5-PC3-15-20-M-3-DFT-16QAM-Outer\_Full-100@  
0-Ant1-17.875-18.560-≤20-PASS



1-N5-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100@  
0-Ant1-17.815-18.640-≤20-PASS



1-N5-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100  
@0-Ant1-17.81-18.680-≤20-PASS



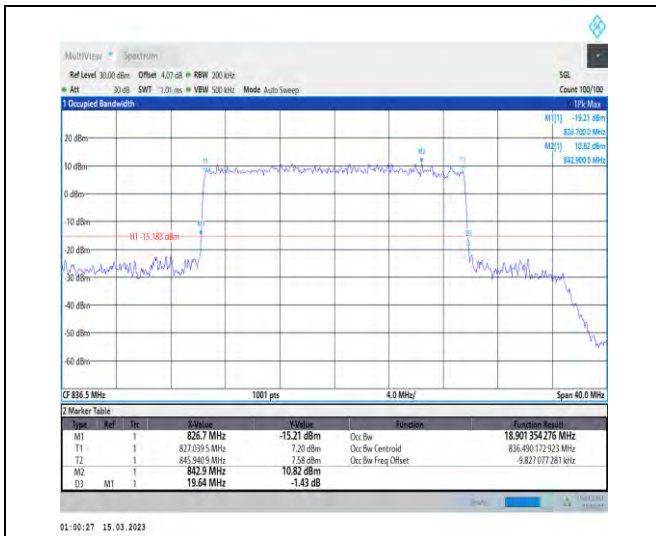
1-N5-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-  
Ant1-18.918-19.840-≤20-PASS



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1-N5-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0  
-Ant1-18.901-19.640-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0  
-Ant1-18.836-19.760-≤20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0  
0-Ant1-18.923-19.680-≤20-PASS



1-N5-PC3-15-20-H-1-DFT-QPSK-Outer\_Full-100@0-  
Ant1-17.884-18.600-≤20-PASS



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1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Outer\_Full-100 @0-Ant1-17.863-18.560-≤20-PASS

1-N5-PC3-15-20-H-3-DFT-16QAM-Outer\_Full-100 @0-Ant1-17.85-18.560-≤20-PASS



1-N5-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100 @0-Ant1-17.835-18.680-≤20-PASS

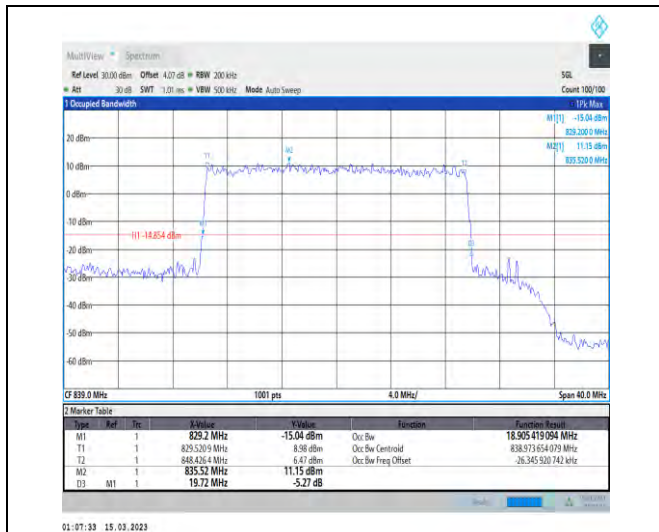
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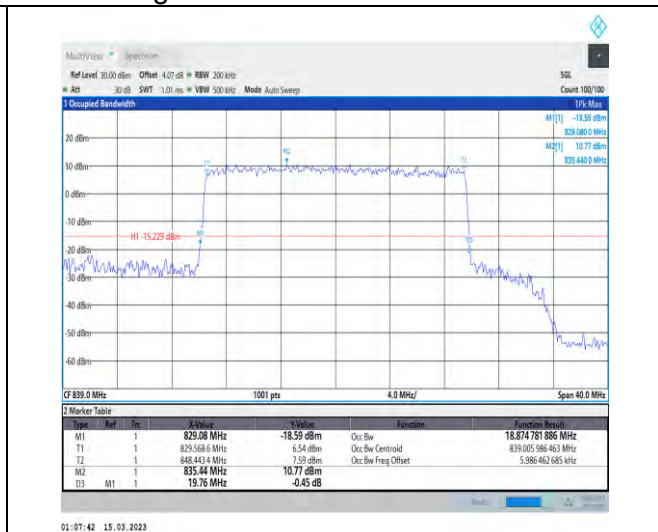
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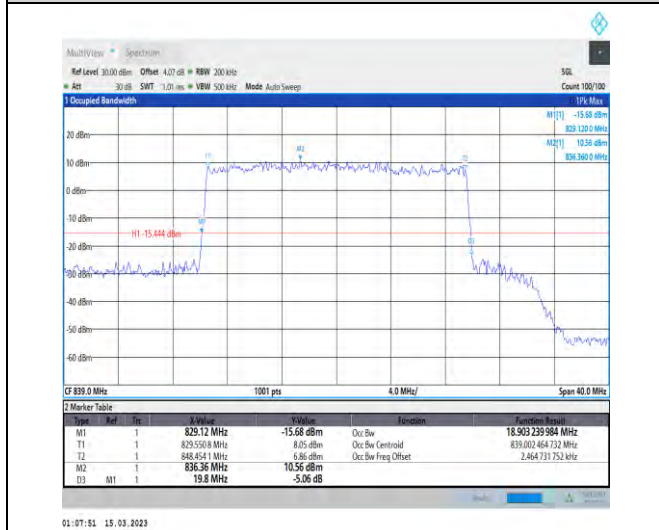
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1-N5-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.905-19.720-≤20-PASS



1-N5-PC3-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.875-19.760-≤20-PASS



1-N5-PC3-15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.903-19.800-≤20-PASS



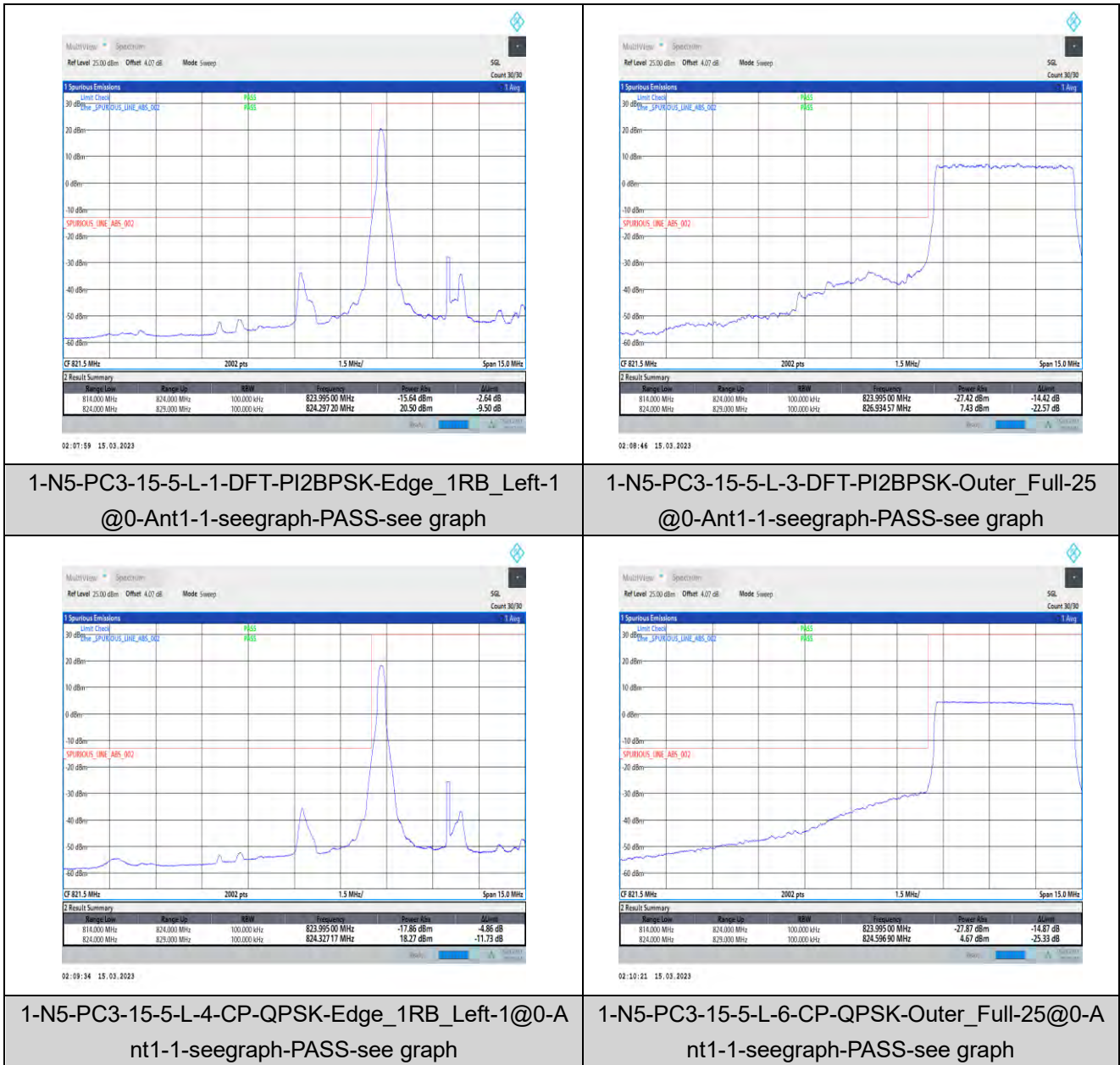
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## Band Edge for SA

### Test Graphs



1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-A nt1-1-seegraph-PASS-see graph

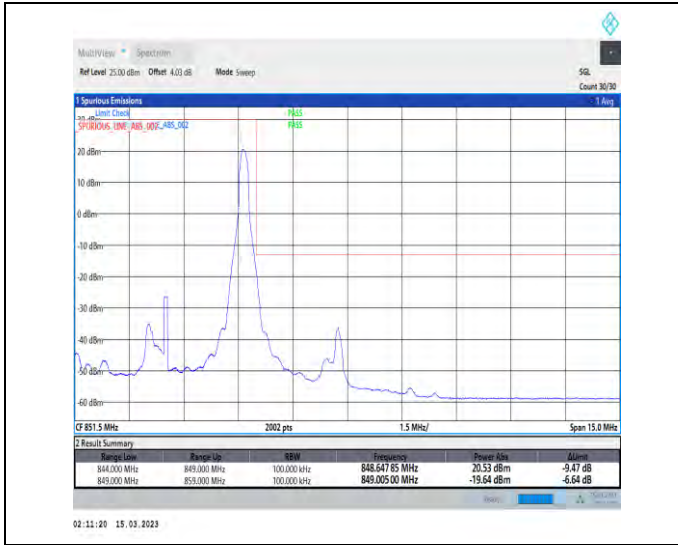
1-N5-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-A nt1-1-seegraph-PASS-see graph



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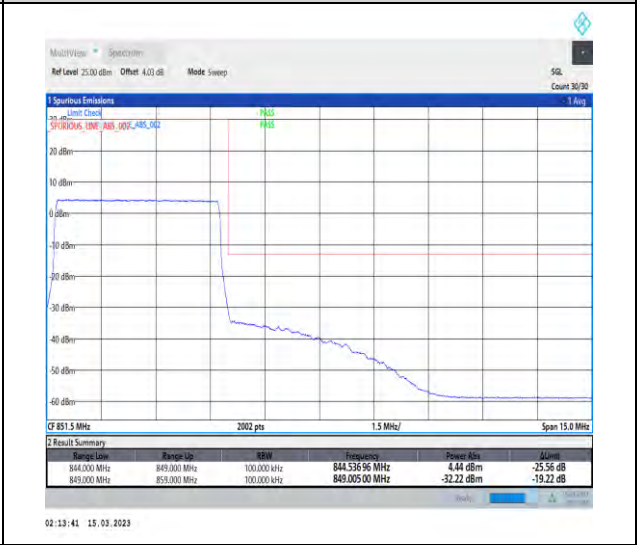
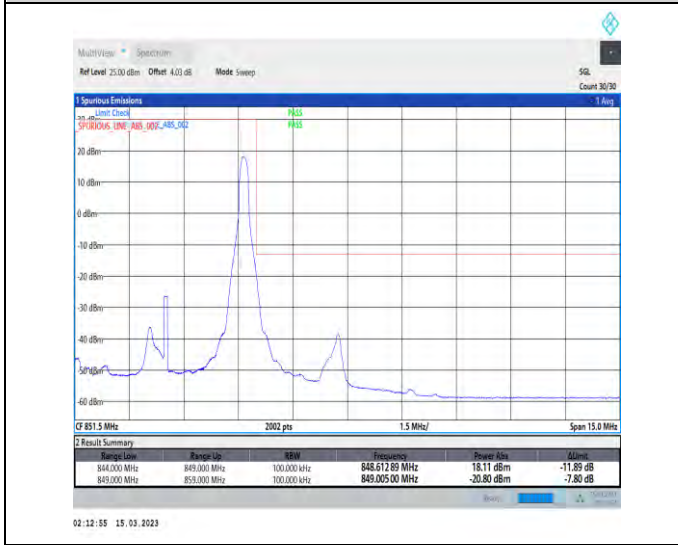
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1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1 @24-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph



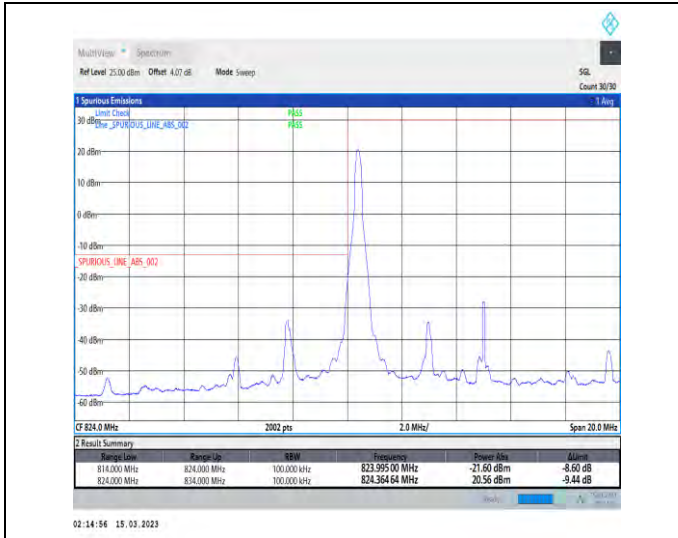
1-N5-PC3-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@2 4-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-A nt1-1-seegraph-PASS-see graph



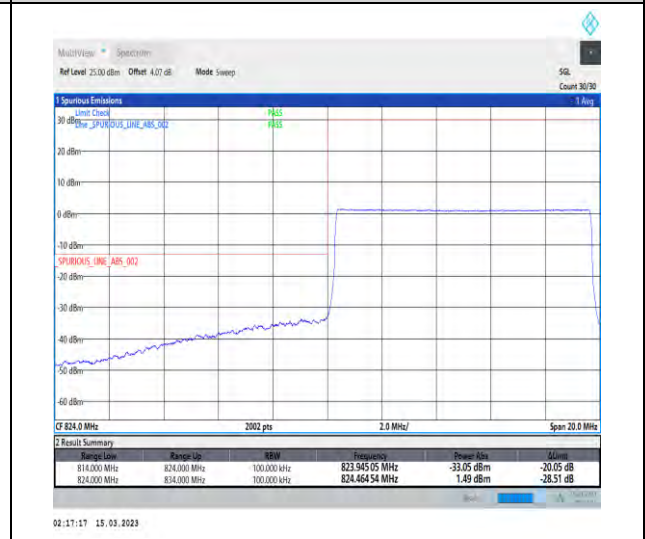
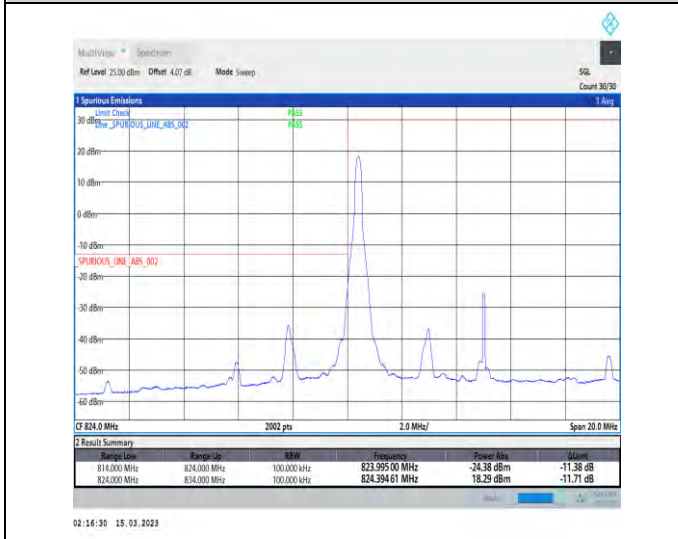
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1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50 @0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

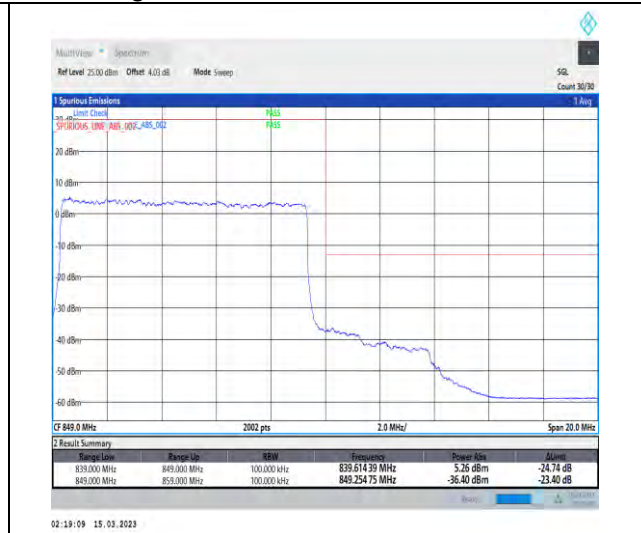
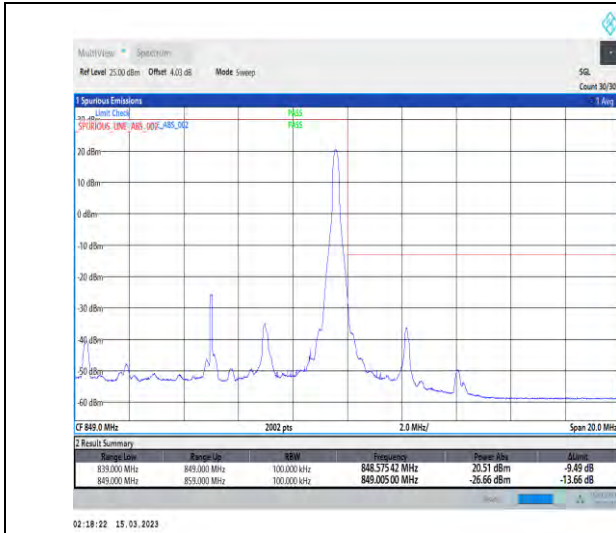
1-N5-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1-seegraph-PASS-see graph



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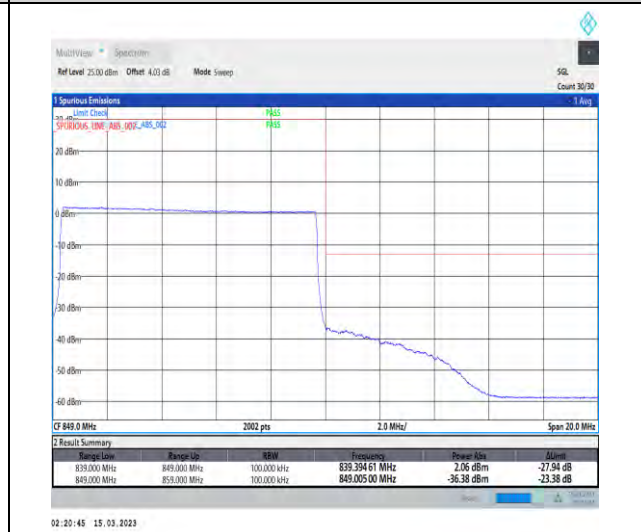
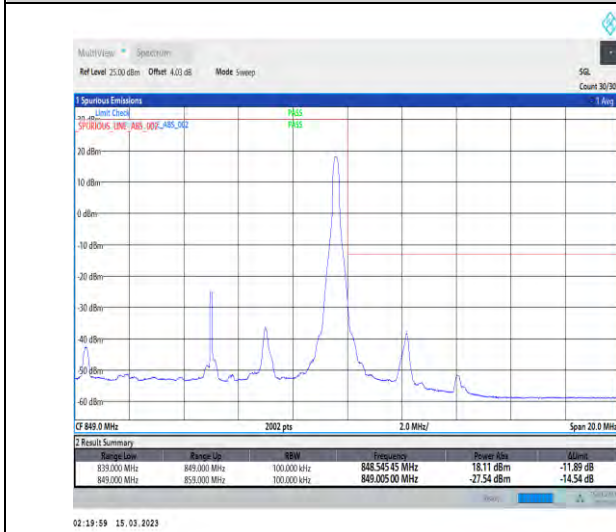
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1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph

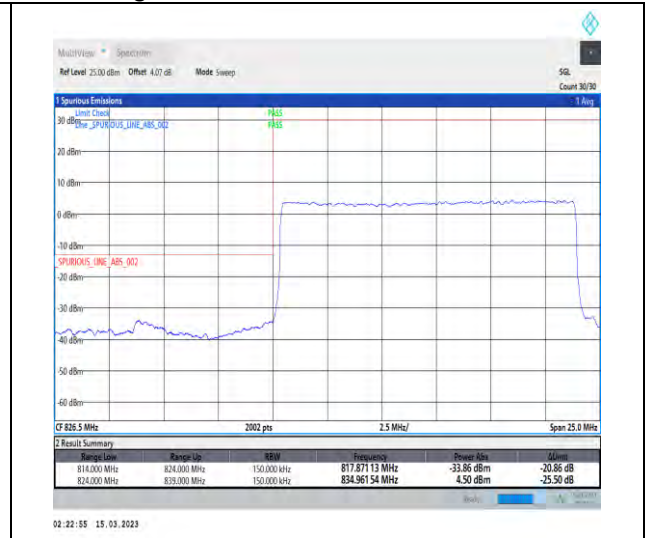
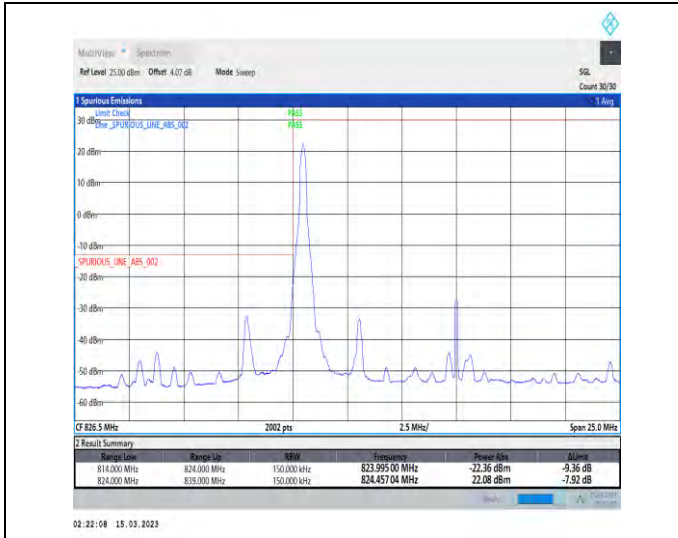
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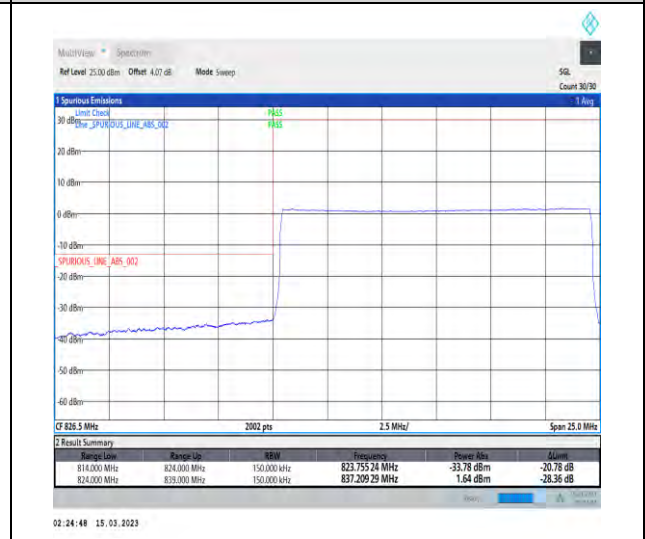
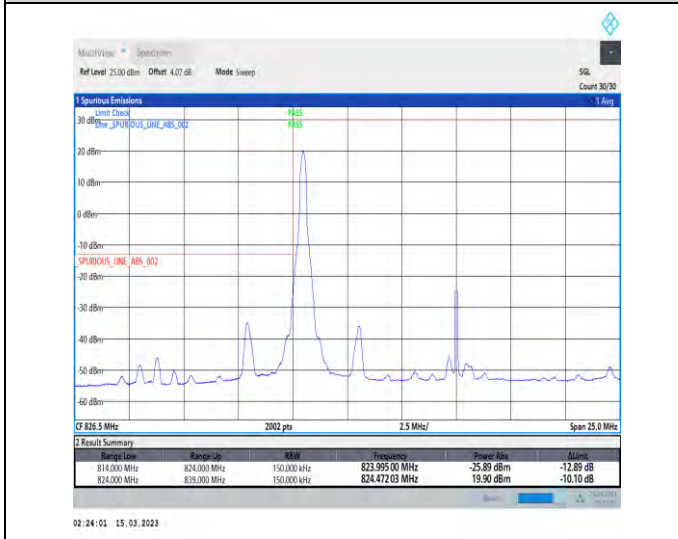
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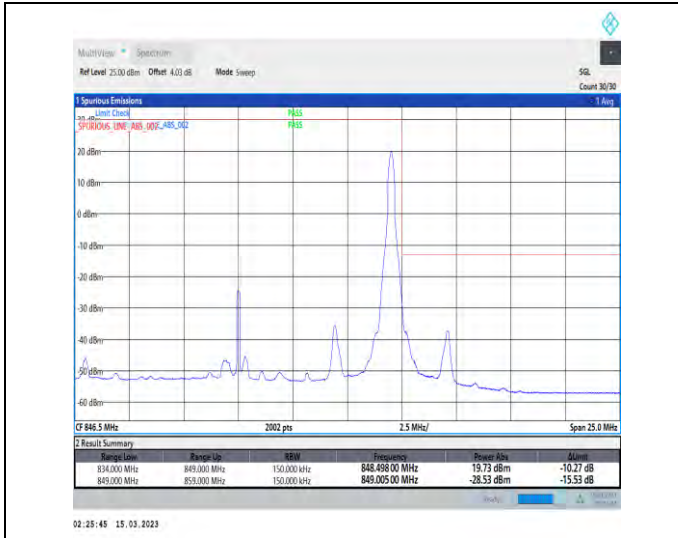
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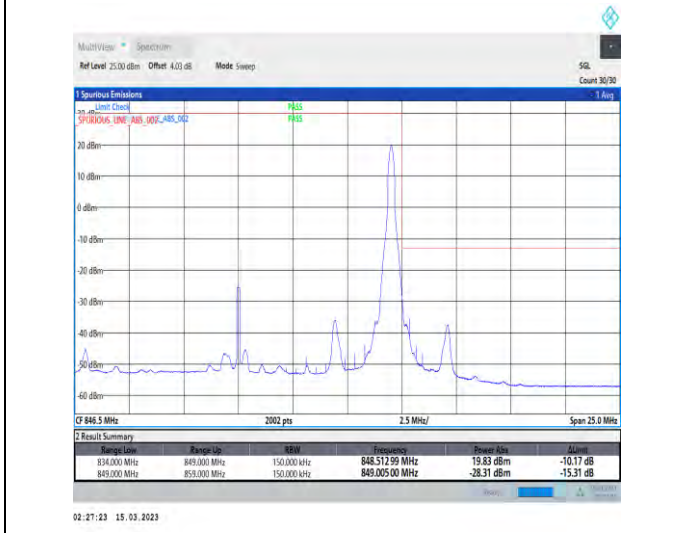
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1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1-seegraph-PASS-see graph



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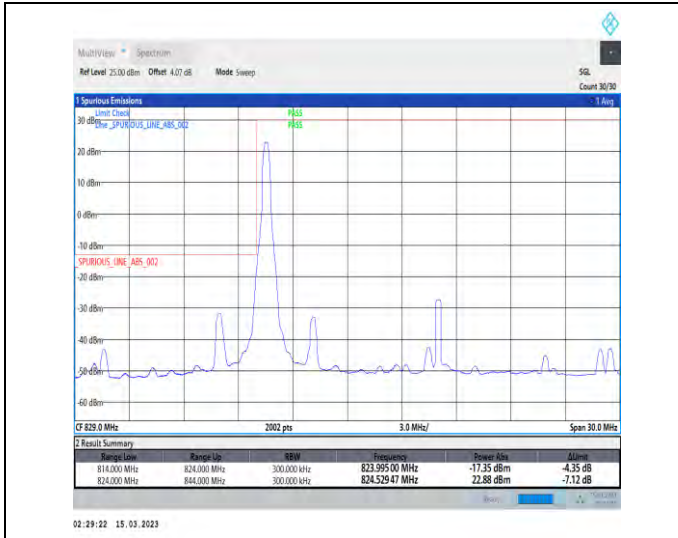
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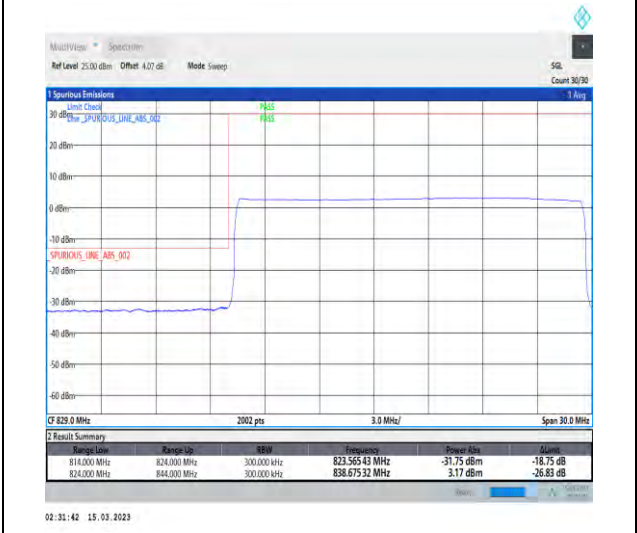
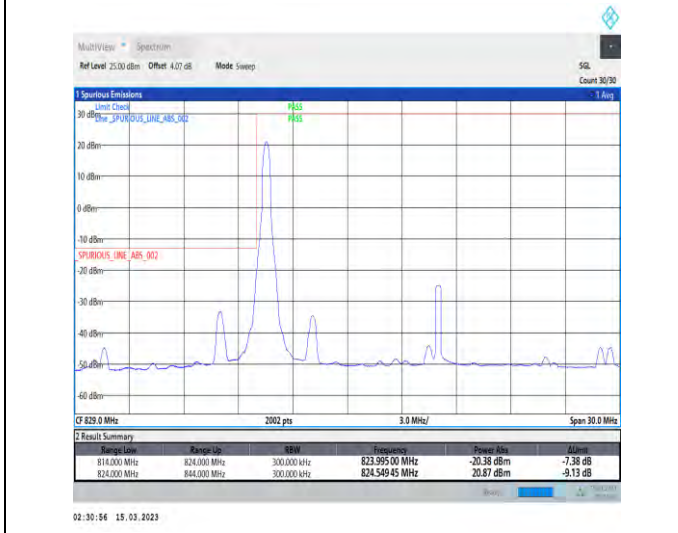
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1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer\_Full-10 0@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

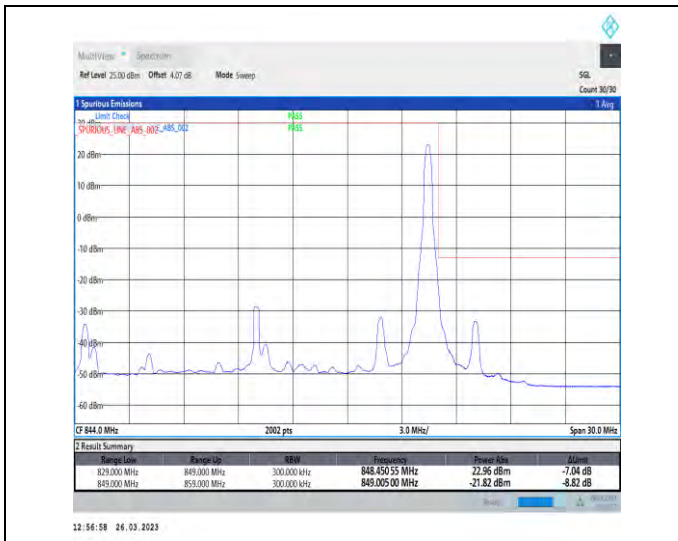
1-N5-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph



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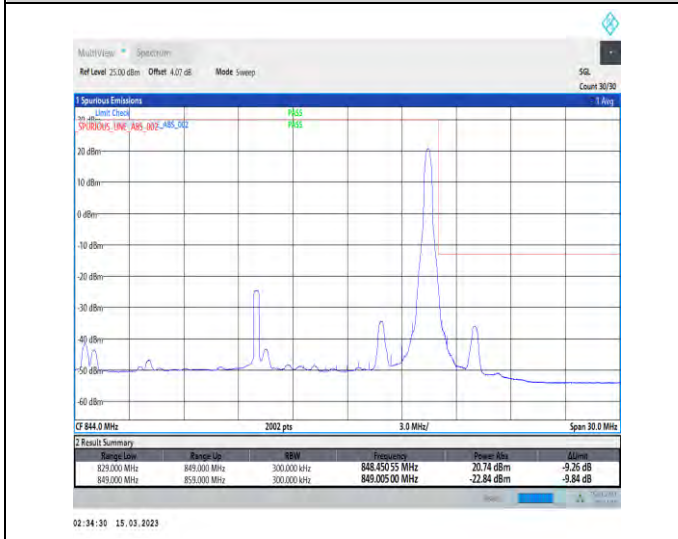
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1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N5-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N5-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph

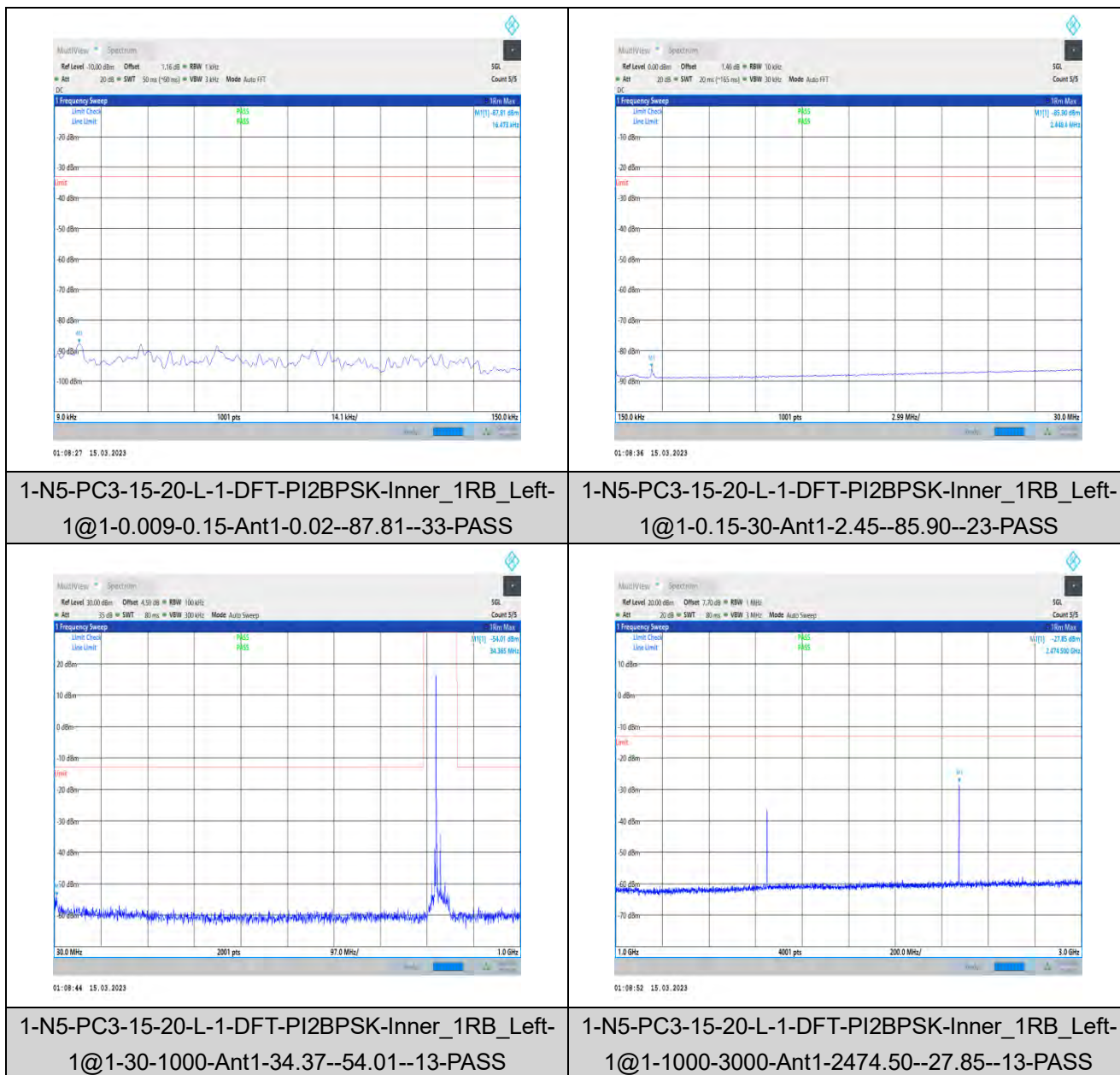


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## Conducted Spurious Emission for SA

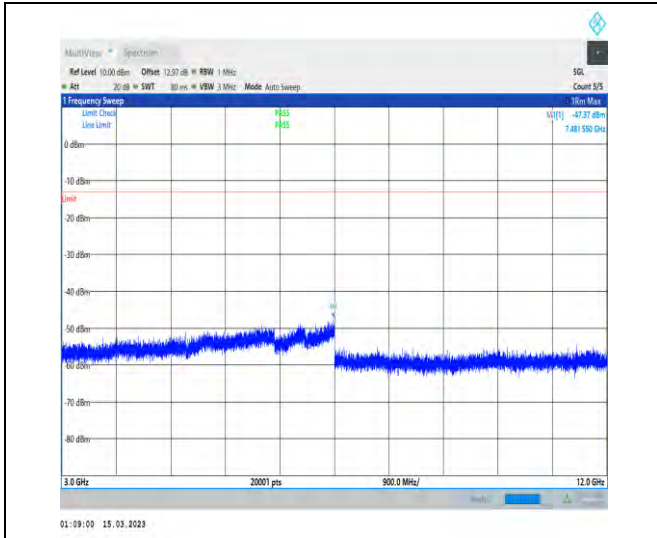
### Test Graphs



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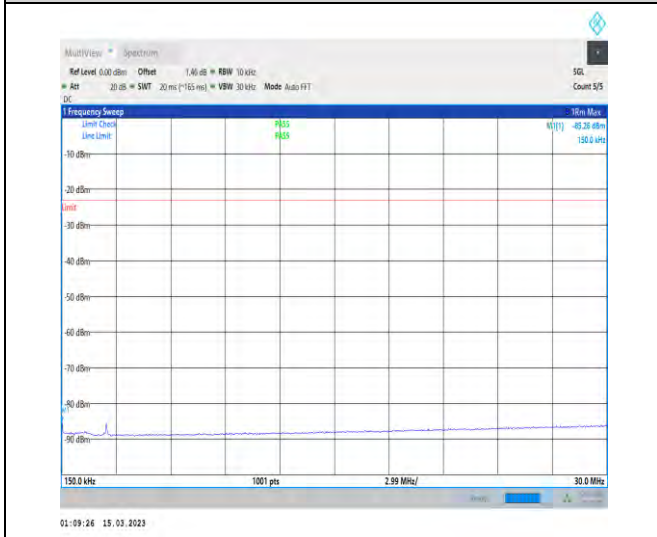




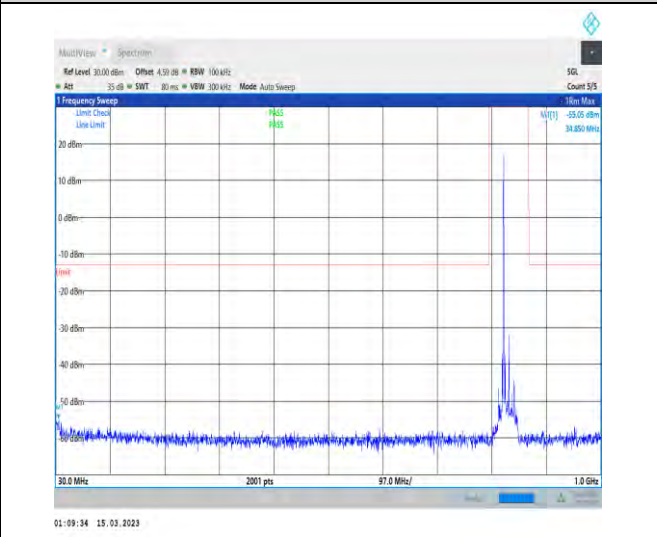
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1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.06--83.91--33-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.15--85.26--23-PASS



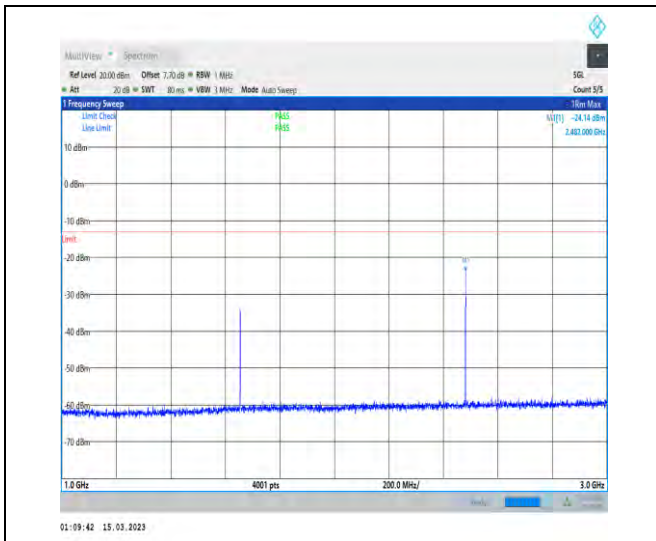
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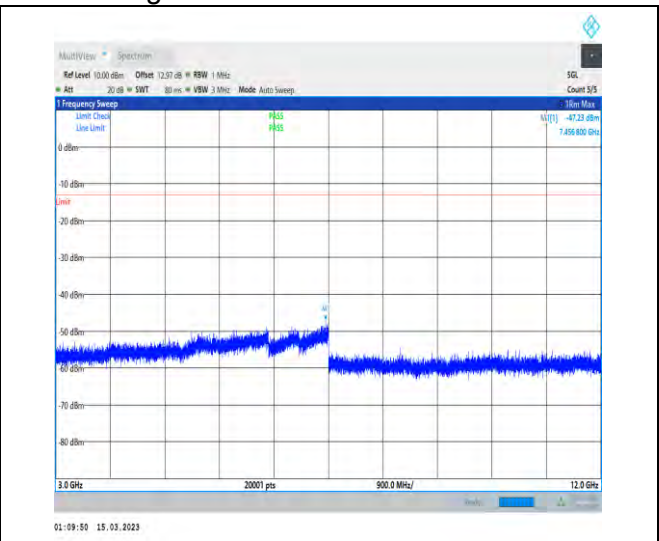
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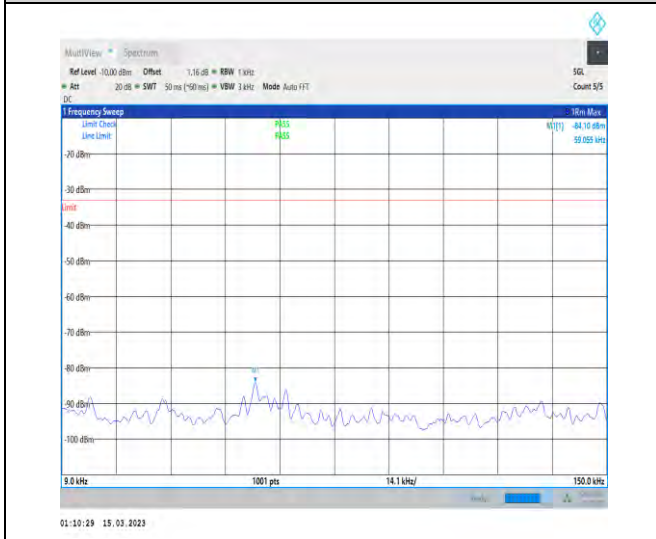




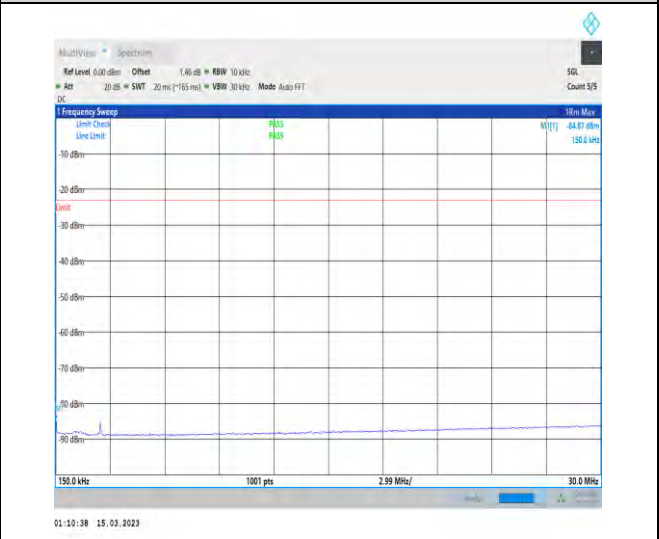
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-1@1-1000-3000-Ant1-2482.00--24.14--13-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-3000-12000-Ant1-7456.80--47.23--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-0.009-0.15-Ant1-0.06--84.10--33-PASS

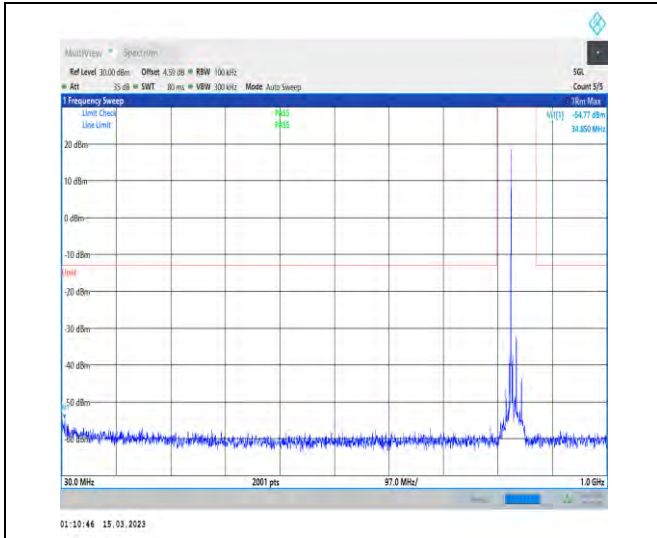


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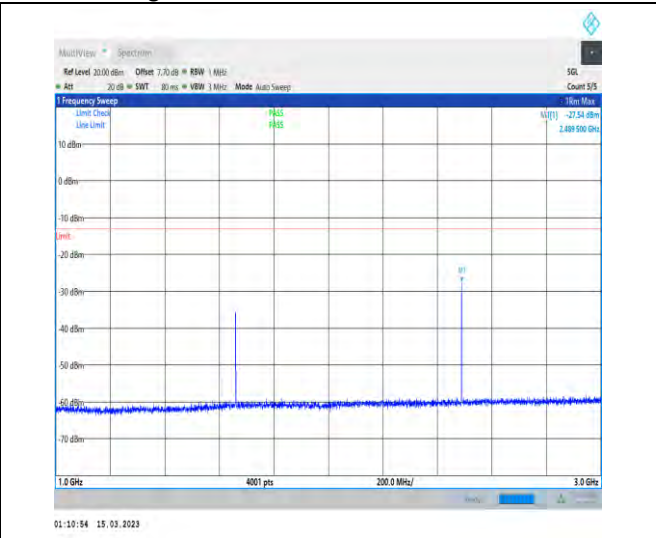


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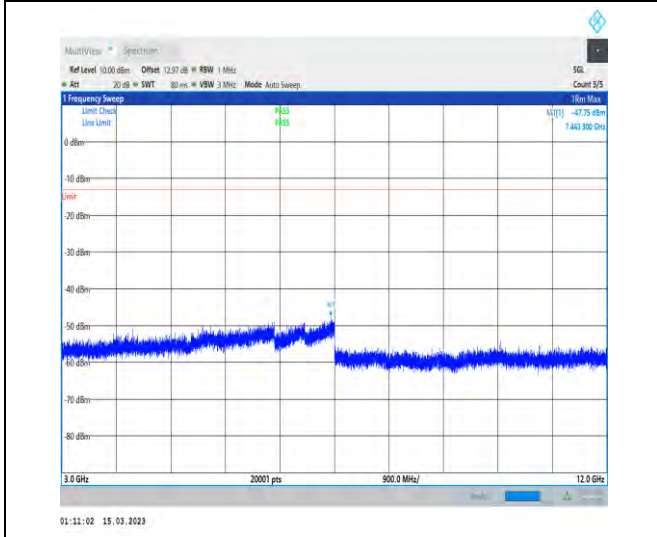
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1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-30-1000-Ant1-34.85--54.77--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-1000-3000-Ant1-2489.50--27.54--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left  
-1@1-3000-12000-Ant1-7443.30--47.75--13-PASS



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## Field Strength of Spurious Radiation

Test Band = SA Band5\_20MHz\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	44.00	-48.22	25.37	-74.11	-13.00	61.11	189	351	Horizontal
2	2475.2700	43.38	-47.31	27.69	-71.51	-13.00	58.51	145	355	Horizontal
3	3300.3600	42.90	-46.68	29.55	-69.48	-13.00	56.48	176	360	Horizontal
4	4125.4500	41.61	-45.92	30.99	-68.58	-13.00	55.58	135	342	Horizontal
5	4950.5400	41.79	-45.70	32.74	-66.42	-13.00	53.42	122	331	Horizontal
6	5775.6300	41.27	-44.64	33.66	-64.97	-13.00	51.97	125	252	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.60	-48.22	25.37	-74.51	-13.00	61.51	145	41	Vertical
2	2475.2700	43.37	-47.31	27.69	-71.52	-13.00	58.52	266	146	Vertical
3	3300.3600	42.81	-46.68	29.55	-69.57	-13.00	56.57	140	357	Vertical
4	4125.4500	41.57	-45.92	30.99	-68.62	-13.00	55.62	258	1	Vertical
5	4950.5400	41.78	-45.70	32.74	-66.43	-13.00	53.43	174	1	Vertical
6	5775.6300	40.91	-44.64	33.66	-65.33	-13.00	52.33	195	281	Vertical



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Report No.: SEWA2303000029RG02  
 Rev.: 01  
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**Test Band = SA Band5\_20MHz\_TM1**  
**Test Channel = Mid**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.66	-48.21	25.37	-74.44	-13.00	61.44	214	360	Horizontal
2	2482.7700	43.66	-47.30	27.71	-71.19	-13.00	58.19	174	132	Horizontal
3	3310.3600	42.78	-46.66	29.54	-69.60	-13.00	56.60	153	26	Horizontal
4	4137.9500	41.87	-45.92	31.01	-68.31	-13.00	55.31	236	197	Horizontal
5	4965.5400	41.50	-45.73	32.78	-66.71	-13.00	53.71	259	359	Horizontal
6	5793.1300	40.17	-44.65	33.72	-66.02	-13.00	53.02	291	226	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	44.12	-48.21	25.37	-73.98	-13.00	60.98	217	295	Vertical
2	2482.7700	43.40	-47.30	27.71	-71.45	-13.00	58.45	148	227	Vertical
3	3310.3600	43.17	-46.66	29.54	-69.21	-13.00	56.21	153	203	Vertical
4	4137.9500	41.57	-45.92	31.01	-68.61	-13.00	55.61	265	254	Vertical
5	4965.5400	41.91	-45.73	32.78	-66.30	-13.00	53.30	214	10	Vertical
6	5793.1300	40.02	-44.65	33.72	-66.17	-13.00	53.17	172	175	Vertical



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Test Band = SA Band5\_20MHz\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.62	-48.21	25.37	-74.47	-13.00	61.47	247	349	Horizontal
2	2490.2700	42.69	-47.29	27.74	-72.12	-13.00	59.12	111	341	Horizontal
3	3320.3600	42.92	-46.65	29.53	-69.46	-13.00	56.46	145	209	Horizontal
4	4150.4500	41.71	-45.93	31.03	-68.45	-13.00	55.45	126	90	Horizontal
5	4980.5400	41.81	-45.77	32.83	-66.39	-13.00	53.39	259	63	Horizontal
6	5810.6300	40.14	-44.69	33.77	-66.04	-13.00	53.04	135	37	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.39	-48.21	25.37	-74.70	-13.00	61.70	241	0	Vertical
2	2490.2700	43.08	-47.29	27.74	-71.73	-13.00	58.73	142	231	Vertical
3	3320.3600	42.80	-46.65	29.53	-69.58	-13.00	56.58	136	139	Vertical
4	4150.4500	41.62	-45.93	31.03	-68.54	-13.00	55.54	261	231	Vertical
5	4980.5400	41.07	-45.77	32.83	-67.13	-13.00	54.13	291	217	Vertical
6	5810.6300	40.39	-44.69	33.77	-65.79	-13.00	52.79	175	217	Vertical



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**Test Band = NSA 2A\_n5A\_TM1**

**Test Channel = Low**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1759.4286	51.28	-48.04	25.41	-66.60	-13.00	53.60	159	41	Horizontal
2	2340.5714	43.54	-47.48	27.41	-71.79	-13.00	58.79	241	360	Horizontal
3	3125.1429	49.96	-46.63	29.56	-62.38	-13.00	49.38	176	67	Horizontal
4	4844	44.85	-45.61	32.44	-63.58	-13.00	50.58	236	105	Horizontal
5	6002.2857	39.81	-44.44	34.13	-65.76	-13.00	52.76	293	360	Horizontal
6	7438.2857	36.52	-43.33	36.47	-65.59	-13.00	52.59	281	302	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.59	-48.12	25.40	-57.39	-13.00	44.39	184	191	Vertical
2	3125.1429	48.56	-46.63	29.56	-63.78	-13.00	50.78	150	72	Vertical
3	4218.8571	44.21	-45.93	31.14	-65.84	-13.00	52.84	163	243	Vertical
4	4843.4286	48.18	-45.61	32.44	-60.25	-13.00	47.25	195	46	Vertical
5	7187.4286	38.79	-43.91	36.57	-63.82	-13.00	50.82	175	191	Vertical
6	7656	38.28	-43.17	36.50	-63.65	-13.00	50.65	144	46	Vertical



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Test Band = NSA 2A\_n5A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.96	-48.12	25.40	-62.02	-13.00	49.02	184	66	Horizontal
2	2384	43.44	-47.46	27.43	-71.85	-13.00	58.85	156	158	Horizontal
3	3125.1429	50.45	-46.63	29.56	-61.89	-13.00	48.89	259	171	Horizontal
4	4090.2857	41.34	-45.93	30.94	-68.91	-13.00	55.91	263	236	Horizontal
5	4843.4286	45.63	-45.61	32.44	-62.80	-13.00	49.80	241	105	Horizontal
6	7006.8571	38.25	-43.61	36.10	-64.53	-13.00	51.53	174	236	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.15	-48.12	25.40	-57.83	-13.00	44.83	214	178	Vertical
2	2343.4286	43.53	-47.48	27.41	-71.80	-13.00	58.80	189	126	Vertical
3	3125.1429	48.86	-46.63	29.56	-63.48	-13.00	50.48	165	73	Vertical
4	4320	41.24	-45.80	31.35	-68.48	-13.00	55.48	234	203	Vertical
5	4843.4286	48.65	-45.61	32.44	-59.78	-13.00	46.78	174	59	Vertical
6	6624.5714	39.17	-44.38	35.49	-64.99	-13.00	51.99	185	218	Vertical



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Test Band = NSA 2A\_n5A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.53	-48.12	25.40	-62.45	-13.00	49.45	127	65	Horizontal
2	2500	43.57	-47.27	27.77	-71.19	-13.00	58.19	186	209	Horizontal
3	3125.1429	50.42	-46.63	29.56	-61.92	-13.00	48.92	293	65	Horizontal
4	4090.2857	41.30	-45.93	30.94	-68.95	-13.00	55.95	284	360	Horizontal
5	4843.4286	45.00	-45.61	32.44	-63.43	-13.00	50.43	155	261	Horizontal
6	7044.5714	38.53	-43.86	36.20	-64.39	-13.00	51.39	165	222	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.61	-48.12	25.40	-57.37	-13.00	44.37	179	190	Vertical
2	2397.1429	43.93	-47.45	27.44	-71.34	-13.00	58.34	245	347	Vertical
3	3016.5714	43.58	-46.56	29.38	-68.86	-13.00	55.86	156	112	Vertical
4	4218.8571	44.10	-45.93	31.14	-65.95	-13.00	52.95	254	165	Vertical
5	4843.4286	47.62	-45.61	32.44	-60.81	-13.00	47.81	122	60	Vertical
6	7656	38.72	-43.17	36.50	-63.21	-13.00	50.21	263	205	Vertical



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Test Band = NSA 13A\_n5A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.89	-48.12	25.40	-62.09	-13.00	49.09	129	65	Horizontal
2	2673.7143	43.33	-47.02	28.24	-70.71	-13.00	57.71	304	183	Horizontal
3	3125.1429	50.56	-46.63	29.56	-61.78	-13.00	48.78	175	65	Horizontal
4	3981.7143	41.57	-46.21	30.76	-69.14	-13.00	56.14	268	349	Horizontal
5	4843.4286	45.40	-45.61	32.44	-63.03	-13.00	50.03	278	236	Horizontal
6	6198.2857	39.32	-44.89	34.20	-66.63	-13.00	53.63	142	236	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.91	-48.12	25.40	-57.07	-13.00	44.07	246	190	Vertical
2	2187.4286	44.96	-47.68	27.30	-70.69	-13.00	57.69	135	1	Vertical
3	3125.1429	47.87	-46.63	29.56	-64.47	-13.00	51.47	274	58	Vertical
4	4218.8571	44.64	-45.93	31.14	-65.41	-13.00	52.41	185	152	Vertical
5	4843.4286	48.60	-45.61	32.44	-59.83	-13.00	46.83	165	58	Vertical
6	7656	38.92	-43.17	36.50	-63.01	-13.00	50.01	142	205	Vertical



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Test Band = NSA 13A\_n5A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.94	-48.12	25.40	-62.04	-13.00	49.04	132	300	Horizontal
2	2031.4286	44.86	-47.84	26.75	-71.49	-13.00	58.49	244	144	Horizontal
3	3125.1429	50.65	-46.63	29.56	-61.69	-13.00	48.69	185	65	Horizontal
4	4843.4286	44.98	-45.61	32.44	-63.45	-13.00	50.45	176	103	Horizontal
5	6122.2857	38.99	-44.73	34.17	-66.83	-13.00	53.83	290	169	Horizontal
6	8407.4286	35.35	-41.68	37.35	-64.25	-13.00	51.25	187	221	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.27	-48.12	25.40	-57.71	-13.00	44.71	134	191	Vertical
2	2086.2857	43.32	-47.74	26.94	-72.73	-13.00	59.73	278	47	Vertical
3	2812.5714	44.02	-46.88	28.53	-69.58	-13.00	56.58	165	126	Vertical
4	3205.7143	42.56	-46.31	29.67	-69.34	-13.00	56.34	164	244	Vertical
5	4844	48.60	-45.61	32.44	-59.83	-13.00	46.83	244	61	Vertical
6	7656	38.98	-43.17	36.50	-62.95	-13.00	49.95	185	285	Vertical



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Test Band = NSA 13A\_n5A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1855.4286	44.19	-48.01	25.77	-73.31	-13.00	60.31	139	360	Horizontal
2	2252	43.43	-47.59	27.37	-72.05	-13.00	59.05	182	53	Horizontal
3	3125.1429	50.61	-46.63	29.56	-61.73	-13.00	48.73	175	170	Horizontal
4	3645.7143	41.67	-46.25	29.77	-70.07	-13.00	57.07	156	13	Horizontal
5	4885.1429	41.36	-45.59	32.56	-66.93	-13.00	53.93	238	158	Horizontal
6	6321.1429	39.39	-44.64	34.45	-66.05	-13.00	53.05	159	92	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.70	-48.12	25.40	-57.28	-13.00	44.28	248	190	Vertical
2	3125.1429	48.52	-46.63	29.56	-63.82	-13.00	50.82	193	59	Vertical
3	4218.8571	43.99	-45.93	31.14	-66.06	-13.00	53.06	266	230	Vertical
4	4844	48.91	-45.61	32.44	-59.52	-13.00	46.52	124	59	Vertical
5	6084	39.48	-44.65	34.16	-66.27	-13.00	53.27	248	218	Vertical
6	7656	38.55	-43.17	36.50	-63.38	-13.00	50.38	156	47	Vertical



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Test Band = NSA 7A\_n5A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1594.8571	44.18	-48.28	25.36	-74.01	-13.00	61.01	277	360	Horizontal
2	1978.2857	43.49	-47.93	26.51	-73.19	-13.00	60.19	235	360	Horizontal
3	3125.1429	50.52	-46.63	29.56	-61.82	-13.00	48.82	249	65	Horizontal
4	4843.4286	44.86	-45.61	32.44	-63.57	-13.00	50.57	286	104	Horizontal
5	7000.5714	38.88	-43.57	36.08	-63.87	-13.00	50.87	190	78	Horizontal
6	8407.4286	36.26	-41.68	37.35	-63.34	-13.00	50.34	263	13	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1760.5714	46.73	-48.03	25.41	-71.15	-13.00	58.15	199	322	Vertical
2	2031.4286	44.90	-47.84	26.75	-71.45	-13.00	58.45	285	34	Vertical
3	2500	45.60	-47.27	27.77	-69.16	-13.00	56.16	164	164	Vertical
4	3125.1429	48.64	-46.63	29.56	-63.70	-13.00	50.70	272	60	Vertical
5	4530.8571	43.55	-45.66	31.64	-65.73	-13.00	52.73	134	178	Vertical
6	6980	38.12	-43.69	36.06	-64.77	-13.00	51.77	195	124	Vertical



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Test Band = NSA 7A\_n5A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1761.1429	51.21	-48.03	25.41	-66.67	-13.00	53.67	210	40	Horizontal
2	2031.4286	44.94	-47.84	26.75	-71.41	-13.00	58.41	165	145	Horizontal
3	3125.1429	50.29	-46.63	29.56	-62.05	-13.00	49.05	288	66	Horizontal
4	4442.2857	41.06	-45.77	31.55	-68.42	-13.00	55.42	194	289	Horizontal
5	6050.8571	39.70	-44.56	34.15	-65.97	-13.00	52.97	241	92	Horizontal
6	7863.4286	35.90	-42.72	36.85	-65.22	-13.00	52.22	123	105	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2031.4286	44.54	-47.84	26.75	-71.81	-13.00	58.81	132	46	Vertical
2	2412.5714	43.31	-47.43	27.48	-71.90	-13.00	58.90	124	283	Vertical
3	2725.1429	43.49	-47.02	28.34	-70.45	-13.00	57.45	188	10	Vertical
4	4218.8571	44.74	-45.93	31.14	-65.31	-13.00	52.31	169	231	Vertical
5	5625.1429	40.74	-45.09	33.11	-66.50	-13.00	53.50	256	203	Vertical
6	6996.5714	38.41	-43.59	36.08	-64.36	-13.00	51.36	287	310	Vertical



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Test Band = NSA 7A\_n5A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1456	44.72	-48.18	25.54	-73.17	-13.00	60.17	189	285	Horizontal
2	3125.1429	50.14	-46.63	29.56	-62.20	-13.00	49.20	237	63	Horizontal
3	3974.2857	41.66	-46.21	30.74	-69.07	-13.00	56.07	142	354	Horizontal
4	5462.2857	40.56	-45.08	32.87	-66.91	-13.00	53.91	156	360	Horizontal
5	7045.1429	38.11	-43.86	36.20	-64.82	-13.00	51.82	288	63	Horizontal
6	8429.7143	35.54	-41.69	37.39	-64.01	-13.00	51.01	194	273	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.2857	45.38	-48.02	25.61	-72.29	-13.00	59.29	189	34	Vertical
2	2385.1429	43.56	-47.46	27.43	-71.72	-13.00	58.72	266	126	Vertical
3	3215.4286	42.78	-46.35	29.66	-69.17	-13.00	56.17	175	12	Vertical
4	4531.4286	43.12	-45.66	31.64	-66.16	-13.00	53.16	186	270	Vertical
5	5432.5714	40.26	-45.03	32.84	-67.19	-13.00	54.19	246	243	Vertical
6	7656	38.99	-43.17	36.50	-62.94	-13.00	49.94	126	323	Vertical



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**Test Band = NR CA 2A\_n5A\_TM1**
**Test Channel = Low**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	42.89	-45.67	30.12	-67.92	-13.00	54.92	125	59	Horizontal
2	4531.5	45.26	-45.70	31.64	-64.06	-13.00	51.06	136	285	Horizontal
3	4843.5	45.56	-45.54	32.44	-62.79	-13.00	49.79	155	315	Horizontal
4	5156.25	42.92	-45.32	32.97	-64.69	-13.00	51.69	184	330	Horizontal
5	6628.5	40.89	-44.20	35.50	-63.07	-13.00	50.07	186	180	Horizontal
6	8793	37.92	-41.28	38.07	-60.55	-13.00	47.55	199	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.84	-45.67	30.12	-63.97	-13.00	50.97	145	346	Vertical
2	4531.5	44.84	-45.70	31.64	-64.48	-13.00	51.48	163	165	Vertical
3	4843.5	44.91	-45.54	32.44	-63.44	-13.00	50.44	258	225	Vertical
4	5156.25	45.60	-45.32	32.97	-62.01	-13.00	49.01	196	180	Vertical
5	5691	41.29	-44.87	33.35	-65.49	-13.00	52.49	184	242	Vertical
6	8802	37.48	-41.25	38.08	-60.95	-13.00	47.95	175	8	Vertical



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Test Band = NR CA 2A\_n5A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4272.75	42.46	-45.60	31.25	-67.15	-13.00	54.15	145	12	Horizontal
2	5611.5	42.32	-45.04	33.06	-64.92	-13.00	51.92	136	99	Horizontal
3	6809.25	41.71	-44.16	35.85	-61.86	-13.00	48.86	259	357	Horizontal
4	8694	38.86	-41.67	37.91	-60.16	-13.00	47.16	184	0	Horizontal
5	9606	35.90	-39.66	38.43	-60.58	-13.00	47.58	175	357	Horizontal
6	12704.25	31.61	-36.69	39.46	-60.87	-13.00	47.87	146	207	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	47.57	-45.67	30.12	-63.24	-13.00	50.24	147	344	Vertical
2	4531.5	45.08	-45.70	31.64	-64.24	-13.00	51.24	152	89	Vertical
3	5453.25	41.98	-45.27	32.86	-65.69	-13.00	52.69	136	134	Vertical
4	5853.75	40.88	-44.87	33.85	-65.40	-13.00	52.40	256	315	Vertical
5	7187.25	39.98	-43.52	36.57	-62.23	-13.00	49.23	219	0	Vertical
6	8394.75	38.83	-41.48	37.32	-60.59	-13.00	47.59	184	356	Vertical



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Test Band = NR CA 2A\_n5A\_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3567	42.83	-46.17	29.58	-69.02	-13.00	56.02	255	165	Horizontal
2	4099.5	42.11	-45.76	30.95	-67.96	-13.00	54.96	145	61	Horizontal
3	4915.5	42.76	-45.55	32.64	-65.40	-13.00	52.40	159	30	Horizontal
4	6562.5	40.61	-44.45	35.29	-63.81	-13.00	50.81	169	121	Horizontal
5	8079.75	37.99	-41.56	37.04	-61.79	-13.00	48.79	181	44	Horizontal
6	10288.5	34.51	-39.14	38.83	-61.06	-13.00	48.06	117	7	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	47.66	-45.67	30.12	-63.15	-13.00	50.15	233	0	Vertical
2	4531.5	45.15	-45.70	31.64	-64.17	-13.00	51.17	165	76	Vertical
3	4843.5	45.81	-45.54	32.44	-62.54	-13.00	49.54	145	211	Vertical
4	5156.25	46.07	-45.32	32.97	-61.54	-13.00	48.54	185	182	Vertical
5	5611.5	49.21	-45.04	33.06	-58.03	-13.00	45.03	140	227	Vertical
6	8932.5	38.24	-41.16	38.16	-60.02	-13.00	47.02	160	47	Vertical



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Test Band = NR CA 5A\_n5A\_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.82	-48.22	25.37	-74.29	-13.00	61.29	146	262	Horizontal
2	2475.2700	42.53	-47.31	27.69	-72.36	-13.00	59.36	238	262	Horizontal
3	3300.3600	42.17	-46.68	29.55	-70.21	-13.00	57.21	189	104	Horizontal
4	4125.4500	40.63	-45.92	30.99	-69.56	-13.00	56.56	275	349	Horizontal
5	4950.5400	41.09	-45.70	32.74	-67.12	-13.00	54.12	160	275	Horizontal
6	5775.6300	39.10	-44.64	33.66	-67.14	-13.00	54.14	105	12	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	43.31	-48.22	25.37	-74.80	-13.00	61.80	211	151	Vertical
2	2475.2700	42.68	-47.31	27.69	-72.21	-13.00	59.21	188	125	Vertical
3	3300.3600	42.56	-46.68	29.55	-69.82	-13.00	56.82	175	31	Vertical
4	4125.4500	40.81	-45.92	30.99	-69.38	-13.00	56.38	162	23	Vertical
5	4950.5400	40.90	-45.70	32.74	-67.31	-13.00	54.31	135	122	Vertical
6	5775.6300	39.13	-44.64	33.66	-67.11	-13.00	54.11	208	11	Vertical



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Test Band = NR CA 5A\_n5A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.58	-48.21	25.37	-74.52	-13.00	61.52	289	146	Horizontal
2	2482.7700	42.57	-47.30	27.71	-72.28	-13.00	59.28	186	13	Horizontal
3	3310.3600	42.49	-46.66	29.54	-69.89	-13.00	56.89	186	26	Horizontal
4	4137.9500	40.92	-45.92	31.01	-69.26	-13.00	56.26	174	172	Horizontal
5	4965.5400	40.38	-45.73	32.78	-67.83	-13.00	54.83	216	238	Horizontal
6	5793.1300	39.52	-44.65	33.72	-66.67	-13.00	53.67	295	198	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	43.47	-48.21	25.37	-74.63	-13.00	61.63	189	98	Vertical
2	2482.7700	42.73	-47.30	27.71	-72.12	-13.00	59.12	275	0	Vertical
3	3310.3600	43.08	-46.66	29.54	-69.30	-13.00	56.30	186	72	Vertical
4	4137.9500	40.73	-45.92	31.01	-69.45	-13.00	56.45	224	163	Vertical
5	4965.5400	40.70	-45.73	32.78	-67.51	-13.00	54.51	186	1	Vertical
6	5793.1300	40.40	-44.65	33.72	-65.79	-13.00	52.79	239	177	Vertical



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**Test Band = NR CA 5A\_n5A\_TM1**

**Test Channel = High**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.55	-48.21	25.37	-74.54	-13.00	61.54	171	78	Horizontal
2	2490.2700	42.49	-47.29	27.74	-72.32	-13.00	59.32	296	313	Horizontal
3	3320.3600	42.36	-46.65	29.53	-70.02	-13.00	57.02	186	358	Horizontal
4	4150.4500	40.78	-45.93	31.03	-69.38	-13.00	56.38	253	360	Horizontal
5	4980.5400	40.35	-45.77	32.83	-67.85	-13.00	54.85	141	288	Horizontal
6	5810.6300	39.64	-44.69	33.77	-66.54	-13.00	53.54	213	275	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	43.07	-48.21	25.37	-75.02	-13.00	62.02	157	321	Vertical
2	2490.2700	42.24	-47.29	27.74	-72.57	-13.00	59.57	185	136	Vertical
3	3320.3600	43.12	-46.65	29.53	-69.26	-13.00	56.26	162	0	Vertical
4	4150.4500	40.70	-45.93	31.03	-69.46	-13.00	56.46	298	2	Vertical
5	4980.5400	40.49	-45.77	32.83	-67.71	-13.00	54.71	148	31	Vertical
6	5810.6300	39.54	-44.69	33.77	-66.64	-13.00	53.64	256	334	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.000000	-0.005977	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.300000	-0.005140	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.800000	-0.006934	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-8.100000	-0.009683	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-7.100000	-0.008488	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-5.800000	-0.006934	±2.5	PASS



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Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.100000	-0.007292	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.400000	-0.005260	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.800000	-0.004543	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.200000	-0.006216	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.800000	-0.004543	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-5.000000	-0.005977	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.900000	-0.005858	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.200000	-0.006216	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.900000	-0.005858	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-7.100000	-0.008488	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-6.800000	-0.008129	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.800000	-0.008129	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-5.100000	-0.006097	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-4.600000	-0.005499	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.500000	-0.006575	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-6.200000	-0.007412	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.000000	-0.008368	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-8.100000	-0.009683	±2.5	PASS

---End of Attachment---



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